# ılıılı cısco



# Open Source Used In Edge Intelligence Cloud\_2.2

Cisco Systems, Inc.

www.cisco.com

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco website at www.cisco.com/go/offices.

Text Part Number: 78EE117C99-1166657909

This document contains licenses and notices for open source software used in this product. With respect to the free/open source software listed in this document, if you have any questions or wish to receive a copy of any source code to which you may be entitled under the applicable free/open source license(s) (such as the GNU Lesser/General Public License), please submit this form.

In your requests please include the following reference number 78EE117C99-1166657909

## Contents

1.1 netty-codec-http 4.1.52.Final 1.1.1 Available under license 1.2 vertx-auth-jwt 4.0.2 1.2.1 Available under license 1.3 netty-handler-proxy 4.1.52. Final 1.3.1 Available under license 1.4 netty-codec-dns 4.1.52.Final 1.4.1 Available under license 1.5 apk-tools 2.12.5-r0 1.5.1 Available under license 1.6 ignite-core 2.9.1 1.6.1 Available under license 1.7 slf4j-ext 1.8.0-beta4 1.7.1 Available under license 1.8 openssl 1.1.1k-r0 1.8.1 Notifications 1.8.2 Available under license 1.9 netty-buffer 4.1.52. Final 1.9.1 Available under license 1.10 ignite-spring 2.9.1 1.10.1 Available under license 1.11 lcms 2.9 1.11.1 Available under license 1.12 openjdk-jre 11.0.8u10 1.12.1 Available under license 1.13 objenesis 2.6

1.13.1 Available under license 1.14 cglib 2.2.2 1.14.1 Available under license 1.15 antlr 4.7.2 1.16 commons-codec 1.11 1.16.1 Available under license 1.17 jackson-datatype-jsr310 2.11.1 1.17.1 Available under license 1.18 spring-framework 3.2.17.RELEASE 1.18.1 Available under license 1.19 netty 4.1.52.Final 1.19.1 Available under license 1.20 jakarta activation api 1.2.1 1.20.1 Available under license 1.21 mail 1.6.0 1.21.1 Available under license 1.22 vertx-service-proxy 4.0.2 1.22.1 Available under license 1.23 commons-lang3 3.7 1.23.1 Available under license 1.24 security-provider 1.0.2 1.24.1 Available under license 1.25 vertx-web-common 4.0.2 1.25.1 Available under license 1.26 jackson-annotations 2.10.3 1.26.1 Available under license 1.27 commons-io 2.6 1.27.1 Available under license 1.28 xwd 1.0.7 1.28.1 Available under license 1.29 vertx-core 4.0.2 1.29.1 Available under license 1.30 tre 1.1.24-r8 1.30.1 Available under license 1.31 simpleclient-common 0.5.0 1.32 pax-utils 1.2.8-r0 1.32.1 Available under license 1.33 ignite-indexing 2.9.1 1.33.1 Available under license

### 1.34 musl 1.2.2-r0

1.34.1 Available under license 1.35 jsr305 3.0.1 1.36 byte-buddy-agent 1.9.3 1.36.1 Available under license 1.37 joni 2.1.31 1.37.1 Available under license 1.38 junit 4.12 1.38.1 Available under license 1.39 antlr-runtime 4.8 1.39.1 Available under license 1.40 tre 0.8.0 1.40.1 Available under license 1.41 swagger-annotations 2.1.4 1.41.1 Available under license 1.42 swagger-parser-v3 2.0.21 1.42.1 Available under license 1.43 cache-api 1.0.0 1.43.1 Available under license 1.44 vertx-auth-common 4.0.2 1.44.1 Available under license 1.45 error\_prone\_annotations 2.4.0 1.45.1 Available under license 1.46 jakarta-validation-api 2.0.2 1.46.1 Available under license 1.47 commons-logging 1.2 1.47.1 Available under license 1.48 jacoco-core 0.8.5 1.48.1 Available under license 1.49 jackson 2.10.3 1.49.1 Available under license 1.50 vertx-web 4.0.2 1.50.1 Available under license 1.51 pax-utils 1.2.6-r1 1.51.1 Available under license 1.52 ca-certificates 20191127-r5 1.52.1 Available under license 1.53 spring-context 4.3.26.RELEASE 1.53.1 Available under license

## 1.54 vertx-rx-gen 4.0.2 1.54.1 Available under license 1.55 mockito 3.2.4 1.55.1 Available under license 1.56 vertx-web-api-contract 4.0.2 1.56.1 Available under license 1.57 vertx-codegen 4.0.2 1.57.1 Available under license 1.58 swagger 2.1.4 1.58.1 Available under license 1.59 jacoco-report 0.8.5 1.59.1 Available under license 1.60 libffi 3.2.1 1.60.1 Available under license 1.61 annotations 3.0.1 1.62 h2 1.4.197 1.63 vertx-sql-client 4.0.2 1.63.1 Available under license 1.64 swagger-parser-core 2.0.21 1.64.1 Available under license 1.65 vertx-config 4.0.2 1.65.1 Available under license 1.66 openssl 1.1.1g-r0 1.66.1 Available under license 1.67 slf4j 1.8.0-beta4 1.67.1 Available under license 1.68 spring-expression 4.3.26.RELEASE 1.68.1 Available under license 1.69 jacoco-agent 0.8.5 1.69.1 Available under license 1.70 xerces-j 2.12.1 1.70.1 Available under license 1.71 vertx-ignite 4.0.2 1.71.1 Available under license 1.72 json-schema-validator 1.0.43 1.72.1 Available under license 1.73 jzlib 1.1.3 1.73.1 Available under license 1.74 ignite-slf4j 2.9.1

1.74.1 Available under license 1.75 vertx-bridge-common 4.0.2 1.75.1 Available under license 1.76 giflib 5.2.1 1.76.1 Available under license 1.77 vertx-service-factory 4.0.2 1.77.1 Available under license 1.78 busybox 1.32.0-r2 1.78.1 Available under license 1.79 alpine-keys 2.2-r0 1.80 jgrapht-core 1.1.0 1.80.1 Available under license 1.81 bouncy-castle 1.64 1.81.1 Available under license 1.82 simpleclient 0.5.0 1.83 alpine-baselayout 3.2.0-r8 1.83.1 Available under license 1.84 args4j 2.0.28 1.84.1 Available under license 1.85 ictools-core 3.1.0 1.85.1 Available under license 1.86 lucene 7.4.0 1.86.1 Available under license 1.87 libjpeg 6b 1.87.1 Notifications 1.87.2 Available under license 1.88 byte-buddy 1.9.3 1.89 vertx-web-client 4.0.2 1.89.1 Available under license 1.90 activation 1.1 1.90.1 Available under license 1.91 logback-core 1.3.0-alpha4 1.91.1 Available under license 1.92 netty-resolver 4.1.52. Final 1.92.1 Available under license 1.93 vertx-pg-client 4.0.2 1.93.1 Available under license 1.94 apk-tools 2.10.5-r2 1.94.1 Available under license

```
1.95 zlib 1.2.11
   1.95.1 Available under license
1.96 netty-transport 4.1.52. Final
   1.96.1 Available under license
1.97 commons-csv 1.8
   1.97.1 Available under license
1.98 bouncycastle-fips 1.0.2
   1.98.1 Available under license
1.99 netty-resolver-dns 4.1.52.Final
   1.99.1 Available under license
1.100 jbcrypt 0.4
   1.100.1 Available under license
1.101 snake-yaml 1.26
   1.101.1 Available under license
1.102 musl 1.1.24-r8
   1.102.1 Available under license
1.103 libtls-standalone 2.9.1-r1
   1.103.1 Available under license
1.104 netty-codec 4.1.52.Final
   1.104.1 Available under license
1.105 asm 4.2
   1.105.1 Available under license
1.106 netty-codec-socks 4.1.52. Final
   1.106.1 Available under license
1.107 openssl 1.1.1d
   1.107.1 Available under license
1.108 iconv 2.32
   1.108.1 Available under license
1.109 vertx-rx-java2-gen 4.0.2
   1.109.1 Available under license
1.110 vertx-stomp 4.0.2
   1.110.1 Available under license
1.111 zlib 1.2.11
   1.111.1 Available under license
1.112 jackson-databind 2.10.3
   1.112.1 Available under license
1.113 jackson-dataformat-yaml 2.11.3
   1.113.1 Available under license
1.114 vertx-micrometer-metrics 4.0.2
```

## 1.114.1 Available under license 1.115 jacoco-cli 0.8.5 1.115.1 Available under license 1.116 vertx-service-discovery 4.0.2 1.116.1 Available under license 1.117 boost 1.73.0 1.117.1 Available under license 1.118 hamcrest 1.3 1.118.1 Available under license 1.119 openjdk 11.0.8u10 1.119.1 Available under license 1.120 busybox 1.32.1-r6 1.120.1 Available under license 1.121 libpng 1.6.37 1.121.1 Available under license 1.122 netty-handler 4.1.52. Final 1.122.1 Available under license 1.123 zlib 1.2.11 r3 1.123.1 Available under license 1.124 cpp 9.3.0-r4 1.124.1 Available under license 1.125 free-type 2.10.1 1.125.1 Available under license 1.126 jcommander 1.72 1.126.1 Available under license 1.127 spring-beans 3.2.17.RELEASE 1.127.1 Available under license 1.128 ca-certificates 20191127-r3 1.128.1 Available under license 1.129 jakarta xml bind api 2.3.2 1.129.1 Available under license 1.130 busybox 1.31.1-r17 1.130.1 Available under license 1.131 jcodings 1.0.46 1.131.1 Available under license 1.132 cpp 10.2.1\_pre1-r3 1.132.1 Available under license 1.133 vertx-rx-java2 4.0.2 1.133.1 Available under license

### 1.134 glibc 2.32-r0

1.134.1 Available under license

## 1.1 netty-codec-http 4.1.52.Final

### 1.1.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
/*
```

\* Copyright 2019 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

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

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

 $* / opt/ws_local/PERMITS_SQL/1094118530_1601083111.23 / 0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketDecoderConfig.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionFilterProvider.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshakerFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/CorruptedWebSocketFrameException.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker00.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/CloseWebSocketFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketCloseStatus.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker07.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker08.java \*/opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolConfig.java \*/opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker13.java \*/opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionFilter.java \*/opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolHandshakeHandler.java \*/opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolConfig.java \*/opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolConfig.java \*/opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolConfig.java \*/opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolConfig.java \*/opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocketO0FrameDecoder.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2019 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

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

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

, /\*

\* Adaptation of http://bjoern.hoehrmann.de/utf-8/decoder/dfa/

\*

\* Copyright (c) 2008-2009 Bjoern Hoehrmann <br/> <br/>bjoern@hoehrmann.de>

\*

\* Permission is hereby granted, free of charge, to any person obtaining a copy of this software

\* and associated documentation files (the "Software"), to deal in the Software without restriction,

\* including without limitation the rights to use, copy, modify, merge, publish, distribute,

\* sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is

\* furnished to do so, subject to the following conditions:

\*

\* The above copyright notice and this permission notice shall be included in all copies or

\* substantial portions of the Software.

\*

\* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING

\* BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND

\* NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE

FOR ANY CLAIM,

\* DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

\* OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/Utf8Validator.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2014 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

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

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/extensions/compression/PerFrameDeflateDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/ClientCookieEncoder.java

 $* / opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtensionHandshaker.java$ 

 $* / opt/ws_local/PERMITS_SQL/1094118530_1601083111.23 / 0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtensionHandshaker.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpStatusClass.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpHeaderNames.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-

jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtension.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionData.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtension.java

 $* / opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/rtsp/RtspHeaderValues.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/ServerCookieEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtension.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateFrameClientExtensionHandshaker.java \* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/spdy/SpdyFrameCodec.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpChunkedInput.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpHeaderValues.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateFrameServerExtensionHandshaker.java \* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/spdy/SpdyFrameDecoderDelegate.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtensionHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpHeadersEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/rtsp/RtspHeaderNames.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockZlibDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpMessageUtil.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionUtil.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-

jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/Utf8FrameValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/extensions/compression/PerFrameDeflateEncoder.java \* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/extensions/compression/WebSocketServerCompressionHandler.java \* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/extensions/compression/WebSocketServerCompressionHandler.java \* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateClientExtensionHandshaker.j ava

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtensionHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-

jar/io/netty/handler/codec/http/websocketx/extensions/compression/WebSocketClientCompressionHandler.java \* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdyProtocolException.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-

 $jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateServerExtensionHandshaker.\\ java$ 

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2012 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

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

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpRequestEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/multipart/DiskAttribute.java

 $* / opt/ws_local/PERMITS_SQL/1094118530_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpServerCodec.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/multipart/AbstractMemoryHttpData.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/LastHttpContent.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpObjectAggregator.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/rtsp/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/HttpRequestDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostStandardRequestDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/rtsp/RtspResponseStatuses.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpResponse.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/multipart/AbstractHttpData.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/multipart/InterfaceHttpData.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/HttpContentDecompressor.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/multipart/CaseIgnoringComparator.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdyHttpHeaders.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocketFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/multipart/AbstractDiskHttpData.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpContentEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/multipart/FileUpload.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/ContinuationWebSocketFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpClientCodec.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/DefaultHttpObject.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/PongWebSocketFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdyHttpResponseStreamIdHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshakerFactory.java

 $* / opt/ws_local/PERMITS_SQL/1094118530_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/DefaultCookie.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/DefaultHttpContent.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/multipart/MixedAttribute.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdyHttpEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketUtil.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/HttpRequest.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/multipart/MemoryFileUpload.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/multipart/HttpData.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostRequestEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/multipart/InterfaceHttpPostRequestDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostMultipartRequestDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/Cookie.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocketVersion.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocket00FrameEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/multipart/DefaultHttpDataFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/rtsp/RtspRequestEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/rtsp/RtspHeaders.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/BinaryWebSocketFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/HttpHeaders.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/multipart/MemoryAttribute.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/QueryStringEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/multipart/InternalAttribute.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/rtsp/RtspRequestDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpContentCompressor.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/HttpResponseDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdySession.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/rtsp/RtspObjectDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/HttpContent.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/CookieDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpHeaderDateFormat.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostRequestDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/multipart/HttpDataFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/rtsp/RtspVersions.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/HttpMessage.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdySettingsFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/DefaultLastHttpContent.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/rtsp/RtspMethods.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostBodyUtil.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker13.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/QueryStringDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/DefaultHttpHeaders.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocketHandshakeException.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpContentDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/DefaultHttpRequest.java

 $* / opt/ws_local/PERMITS_SQL/1094118530_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpObjectEncoder.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpVersion.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/multipart/Attribute.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/DefaultHttpResponse.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpObject.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/rtsp/RtspObjectEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker07.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker08.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpConstants.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/multipart/DiskFileUpload.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/PingWebSocketFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/DefaultHttpMessage.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/HttpObjectDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/rtsp/RtspResponseEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/TextWebSocketFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/HttpResponseEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/rtsp/RtspResponseDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/multipart/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/multipart/MixedFileUpload.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpMethod.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/HttpResponseStatus.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker00.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2015 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

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

\*

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

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/cookie/CookieEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/rtsp/RtspDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/cookie/ServerCookieEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/cookie/Cookie.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/cookie/ClientCookieDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/cookie/DefaultCookie.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/EmptyHttpHeaders.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/cookie/CookieDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/cookie/ServerCookieDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/cookie/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpUtil.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpExpectationFailedEvent.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/cookie/ClientCookieEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/CombinedHttpHeaders.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/rtsp/RtspEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/cookie/CookieUtil.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/cookie/CookieHeaderNames.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-

jar/io/netty/handler/codec/http/HttpScheme.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/CookieUtil.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2013 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

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

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/DefaultFullHttpRequest.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrameEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/spdy/SpdyHeaderBlockZlibEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolHandshakeHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrameAggregator.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdyGoAwayFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/DefaultFullHttpResponse.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdySynReplyFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyHeaders.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/FullHttpResponse.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockJZlibEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyGoAwayFrame.java

 $* / opt/ws_local/PERMITS_SQL/1094118530_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaders.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/cors/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/spdy/SpdyRstStreamFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdyWindowUpdateFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdyHttpCodec.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdyStreamStatus.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdySynStreamFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/ComposedLastHttpContent.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeadersFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/FullHttpMessage.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/spdy/DefaultSpdyRstStreamFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdySessionHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdyStreamFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/spdy/SpdyPingFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdySettingsFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyHeadersFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdyVersion.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdySynStreamFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/spdy/DefaultSpdyStreamFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyWindowUpdateFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdySynReplyFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyDataFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdySessionStatus.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/spdy/DefaultSpdyPingFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdyCodecUtil.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/spdy/SpdyDataFrame.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/spdy/SpdyHttpDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocketProtocolHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/spdy/SpdyHeaderBlockEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocketFrameDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/FullHttpRequest.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2014 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License, version 2.0 (the

\* "License"); you may not use this file except in compliance with the License. You may obtain a

\* copy of the License at:

\*

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

\*

\* Unless required by applicable law or agreed to in writing, software distributed under the License

\* is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express

\* or implied. See the License for the specific language governing permissions and limitations under \* the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/HttpClientUpgradeHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpServerUpgradeHandler.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2012 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

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

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

// (BSD License: http://www.opensource.org/licenses/bsd-license)

// All rights reserved.

// Redistribution and use in source and binary forms, with or

 $/\!/ * Redistributions of source code must retain the above$ 

 $\ensuremath{\textit{//}}\xspace$  copyright notice, this list of conditions and the

// following disclaimer.

 $/\!/ * Redistributions in binary form must reproduce the above$ 

// following disclaimer in the documentation and/or other

 $/\!/ *$  Neither the name of the Webbit nor the names of

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocket08FrameEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocket13FrameEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-

jar/io/netty/handler/codec/http/websocketx/WebSocket07FrameEncoder.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2016 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

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

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpServerKeepAliveHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/multipart/FileUploadUtil.java \* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocketChunkedInput.java

No license file was found, but licenses were detected in source scan.

\* Copyright 2017 The Netty Project

\*

/\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

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

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/ReadOnlyHttpHeaders.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketScheme.java

 $* / opt/ws_local/PERMITS_SQL/1094118530_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/HttpServerExpectContinueHandler.java$ 

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2013 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License, version

\* 2.0 (the "License"); you may not use this file except in compliance with the

\* License. You may obtain a copy of the License at:

\*

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

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations under

\* the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/io/netty/handler/codec/http/cors/CorsHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/cors/CorsConfig.java No license file was found, but licenses were detected in source scan.

~ Copyright 2012 The Netty Project

~ The Netty Project licenses this file to you under the Apache License,

~ version 2.0 (the "License"); you may not use this file except in compliance

~ with the License. You may obtain a copy of the License at:

~

~ http://www.apache.org/licenses/LICENSE

2.0

~ Unless required by applicable law or agreed to in writing, software

~ distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

~ WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

~ License for the specific language governing permissions and limitations

~ under the License.

Found in path(s):

 $* / opt/ws_local/PERMITS_SQL/1094118530_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/META-INF/maven/io.netty/netty-codec-http/pom.xml$ 

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2019 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

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

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

// (BSD License: http://www.opensource.org/licenses/bsd-license)

// All rights reserved.

 $/\!/$  Redistribution and use in source and binary forms, with or

 $/\!/ * Redistributions of source code must retain the above$ 

 $/\!/$  copyright notice, this list of conditions and the

 $/\!/$  following disclaimer.

 $/\!/ * Redistributions in binary form must reproduce the above$ 

// following disclaimer in the documentation and/or other

// \* Neither the name of the Webbit nor the names of

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocket07FrameDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocket08FrameDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/websocketx/WebSocket13FrameDecoder.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2015 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License, version

\* 2.0 (the "License"); you may not use this file except in compliance with the

\* License. You may obtain a copy of the License at:

\*

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

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations under

\* the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sourcesjar/io/netty/handler/codec/http/cors/CorsConfigBuilder.java No license file was found, but licenses were detected in source scan.

# The Netty Project licenses this file to you under the Apache License,

# version 2.0 (the "License"); you may not use this file except in compliance

# with the License. You may obtain a copy of the License at:

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

# distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1094118530\_1601083111.23/0/netty-codec-http-4-1-52-final-sources-jar/META-INF/native-image/io.netty/codec-http/native-image.properties

## 1.2 vertx-auth-jwt 4.0.2

## 1.2.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
/*
* Copyright 2015 Red Hat, Inc.
* All rights reserved. This program and the accompanying materials
* are made available under the terms of the Eclipse Public License v1.0
  and Apache License v2.0 which accompanies this distribution.
*
* The Eclipse Public License is available at
* http://www.eclipse.org/legal/epl-v10.html
* The Apache License v2.0 is available at
* http://www.opensource.org/licenses/apache2.0.php
* You may elect to redistribute this code under either of these licenses.
*/
Found in path(s):
* /opt/cola/permits/1166659746 1621461490.4/0/vertx-auth-jwt-4-0-2-sources-
jar/io/vertx/ext/auth/jwt/authorization/JWTAuthorization.java
* /opt/cola/permits/1166659746_1621461490.4/0/vertx-auth-jwt-4-0-2-sources-
```

\*/opt/cola/permits/1100039740\_1021401490.4/0/vertx-auth-jwt-4-0-2-sources jar/io/vertx/ext/auth/jwt/authorization/MicroProfileAuthorization.java

\* /opt/cola/permits/1166659746\_1621461490.4/0/vertx-auth-jwt-4-0-2-sources-jar/io/vertx/ext/auth/jwt/JWTAuth.java

\* /opt/cola/permits/1166659746\_1621461490.4/0/vertx-auth-jwt-4-0-2-sources-jar/io/vertx/ext/auth/jwt/authorization/impl/JWTAuthorizationImpl.java

\* /opt/cola/permits/1166659746\_1621461490.4/0/vertx-auth-jwt-4-0-2-sourcesjar/io/vertx/ext/auth/jwt/authorization/impl/MicroProfileAuthorizationImpl.java \* /opt/cola/permits/1166659746\_1621461490.4/0/vertx-auth-jwt-4-0-2-sourcesjar/io/vertx/ext/auth/jwt/JWTAuthOptions.java

\* /opt/cola/permits/1166659746\_1621461490.4/0/vertx-auth-jwt-4-0-2-sourcesjar/io/vertx/ext/auth/jwt/impl/JWTAuthProviderImpl.java

No license file was found, but licenses were detected in source scan.

#### /\*

\* Copyright 2014 Red Hat, Inc.

\*

\* All rights reserved. This program and the accompanying materials

\* are made available under the terms of the Eclipse Public License v1.0

\* and Apache License v2.0 which accompanies this distribution.

\*

\* The Eclipse Public License is available at

\* http://www.eclipse.org/legal/epl-v10.html

\*

\* The Apache License v2.0 is available at

\* http://www.opensource.org/licenses/apache2.0.php

\*

\* You may elect to redistribute this code under either of these licenses.

\*/

Found in path(s):

\* /opt/cola/permits/1166659746\_1621461490.4/0/vertx-auth-jwt-4-0-2-sources-jar/io/vertx/ext/auth/jwt/package-info.java

 $* / opt/cola/permits/1166659746\_1621461490.4/0/vertx-auth-jwt-4-0-2-sources-interval and interval and inter$ 

jar/examples/AuthJWTExamples.java

# 1.3 netty-handler-proxy 4.1.52.Final

### 1.3.1 Available under license :

No license file was found, but licenses were detected in source scan.

~ Copyright 2014 The Netty Project

~

 $\sim$  The Netty Project licenses this file to you under the Apache License,

~ version 2.0 (the "License"); you may not use this file except in compliance

~ with the License. You may obtain a copy of the License at:

~

~ http://www.apache.org/licenses/LICENSE

2.0 ~

~ Unless required by applicable law or agreed to in writing, software

~ distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

~ WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

~ License for the specific language governing permissions and limitations

~ under the License.

Found in path(s):

\* /opt/cola/permits/1099818518\_1602573656.03/0/netty-handler-proxy-4-1-52-final-sources-jar/META-

INF/maven/io.netty/netty-handler-proxy/pom.xml

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2014 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

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

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1099818518\_1602573656.03/0/netty-handler-proxy-4-1-52-final-sources-jar/io/netty/handler/proxy/Socks4ProxyHandler.java

\* /opt/cola/permits/1099818518\_1602573656.03/0/netty-handler-proxy-4-1-52-final-sourcesjar/io/netty/handler/proxy/ProxyConnectException.java

\* /opt/cola/permits/1099818518\_1602573656.03/0/netty-handler-proxy-4-1-52-final-sourcesjar/io/netty/handler/proxy/ProxyHandler.java

\* /opt/cola/permits/1099818518\_1602573656.03/0/netty-handler-proxy-4-1-52-final-sources-jar/io/netty/handler/proxy/HttpProxyHandler.java

\* /opt/cola/permits/1099818518\_1602573656.03/0/netty-handler-proxy-4-1-52-final-sources-jar/io/netty/handler/proxy/package-info.java

\* /opt/cola/permits/1099818518\_1602573656.03/0/netty-handler-proxy-4-1-52-final-sourcesjar/io/netty/handler/proxy/ProxyConnectionEvent.java

\* /opt/cola/permits/1099818518\_1602573656.03/0/netty-handler-proxy-4-1-52-final-sources-jar/io/netty/handler/proxy/Socks5ProxyHandler.java

# 1.4 netty-codec-dns 4.1.52.Final

### 1.4.1 Available under license :

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2016 The Netty Project

\*

- \* The Netty Project licenses this file to you under the Apache License,
- \* version 2.0 (the "License"); you may not use this file except in compliance
- \* with the License. You may obtain a copy of the License at:
- \*
- \* http://www.apache.org/licenses/LICENSE-2.0
- \*
- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
- \* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
- \* License for the specific language governing permissions and limitations
- \* under the License.
- \*/

Found in path(s):

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sourcesjar/io/netty/handler/codec/dns/DnsOptPseudoRecord.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sources-jar/io/netty/handler/codec/dns/DefaultDnsPtrRecord.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sources-

jar/io/netty/handler/codec/dns/AbstractDnsOptPseudoRrRecord.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sources-

jar/io/netty/handler/codec/dns/DnsOptEcsRecord.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sourcesjar/io/netty/handler/codec/dns/DefaultDnsOptEcsRecord.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sources-

jar/io/netty/handler/codec/dns/DnsPtrRecord.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2015 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

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

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sources-jar/io/netty/handler/codec/dns/DnsRecordType.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sources-jar/io/netty/handler/codec/dns/DnsQuery.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sources-jar/io/netty/handler/codec/dns/DnsResponseCode.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sources-jar/io/netty/handler/codec/dns/DnsRawRecord.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sourcesjar/io/netty/handler/codec/dns/DnsRecordEncoder.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sourcesjar/io/netty/handler/codec/dns/DnsQuestion.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sourcesjar/io/netty/handler/codec/dns/DnsSection.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sources-jar/io/netty/handler/codec/dns/DefaultDnsRecordDecoder.java

 $* / opt/cola/permits/1166659717\_1621461457.49 / 0 / netty-codec-dns-4-1-52-final-sources-jar/io/netty/handler/codec/dns/DefaultDnsRecordEncoder.java$ 

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sources-jar/io/netty/handler/codec/dns/DnsMessage.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sources-jar/io/netty/handler/codec/dns/DnsRecord.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sourcesjar/io/netty/handler/codec/dns/AbstractDnsRecord.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sourcesjar/io/netty/handler/codec/dns/DatagramDnsResponseEncoder.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sourcesjar/io/netty/handler/codec/dns/DatagramDnsQueryDecoder.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sourcesjar/io/netty/handler/codec/dns/DnsRecordDecoder.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sourcesjar/io/netty/handler/codec/dns/DefaultDnsQuestion.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sourcesjar/io/netty/handler/codec/dns/DnsOpCode.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sources-jar/io/netty/handler/codec/dns/DnsMessageUtil.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sourcesjar/io/netty/handler/codec/dns/DatagramDnsQueryEncoder.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sources-jar/io/netty/handler/codec/dns/DatagramDnsQuery.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sources-jar/io/netty/handler/codec/dns/DefaultDnsRawRecord.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sources-jar/io/netty/handler/codec/dns/DnsResponse.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sourcesjar/io/netty/handler/codec/dns/DatagramDnsResponseDecoder.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sources-jar/io/netty/handler/codec/dns/DefaultDnsResponse.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sourcesjar/io/netty/handler/codec/dns/DatagramDnsResponse.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sourcesjar/io/netty/handler/codec/dns/AbstractDnsMessage.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sourcesjar/io/netty/handler/codec/dns/DefaultDnsQuery.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sources-

jar/io/netty/handler/codec/dns/package-info.java

No license file was found, but licenses were detected in source scan.

#### /\*

\* Copyright 2019 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

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

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sourcesjar/io/netty/handler/codec/dns/TcpDnsQueryEncoder.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sourcesjar/io/netty/handler/codec/dns/DnsResponseDecoder.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sources-jar/io/netty/handler/codec/dns/DnsQueryEncoder.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sources-jar/io/netty/handler/codec/dns/DnsCodecUtil.java

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sourcesjar/io/netty/handler/codec/dns/TcpDnsResponseDecoder.java

No license file was found, but licenses were detected in source scan.

~ Copyright 2014 The Netty Project

~

~ The Netty Project licenses this file to you under the Apache License,

~ version 2.0 (the "License"); you may not use this file except in compliance

~ with the License. You may obtain a copy of the License at:

~

~ http://www.apache.org/licenses/LICENSE

2.0

~

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

~ under the License.

Found in path(s):

\* /opt/cola/permits/1166659717\_1621461457.49/0/netty-codec-dns-4-1-52-final-sources-jar/META-INF/maven/io.netty/netty-codec-dns/pom.xml

## 1.5 apk-tools 2.12.5-r0

## 1.5.1 Available under license :

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

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

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software-to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

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

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

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

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

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

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification

follow.

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

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

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

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

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

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

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

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

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

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

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

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

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

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE

THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

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

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

Copyright (C)< yyyy> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode: Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

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

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

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

<signature of Ty Coon >, 1 April 1989 Ty Coon, President of Vice This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

# 1.6 ignite-core 2.9.1

## 1.6.1 Available under license :

Apache Ignite Copyright 2020 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (http://www.apache.org/).

This software includes code from IntelliJ IDEA Community Edition Copyright (C) JetBrains s.r.o. https://www.jetbrains.com/idea/ Licensed under Apache License, Version 2.0. http://search.maven.org/#artifactdetails%7Corg.jetbrains%7Cannotations%7C13.0%7Cjar

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

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

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

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

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

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

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

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

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

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

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

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work,

excluding those notices that do not pertain to any part of the Derivative Works; and

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

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

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any

risks associated with Your exercise of permissions under this License.

- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

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

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

#### Copyright [yyyy] [name of copyright owner]

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

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,

#### WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Apache Ignite Subcomponents:

The Apache Ignite project contains subcomponents with separate copyright notices and license terms. Your use of the source code for the these subcomponents is subject to the terms and conditions of the following licenses.

For SnapTree:

This product bundles SnapTree, which is available under a "3-clause BSD" license. For details, see https://github.com/nbronson/snaptree/blob/master/LICENSE.

For JSR 166 classes in "org.jsr166" package

This product bundles JSR-166 classes which are donated to public domain. For details, see CC0 1.0 Universal (1.0), Public Domain Dedication, http://creativecommons.org/publicdomain/zero/1.0/

For books used for tests in "org.apache.ignite.internal.processors.hadoop.books"

\_\_\_\_\_

This code bundles book text files used for testing purposes which contain the following header:

This eBook is for the use of anyone anywhere at no cost and with almost no restrictions whatsoever. You may copy it, give it away or re-use it under the terms of the Project Gutenberg License included with this eBook or online at www.gutenberg.org

# 1.7 slf4j-ext 1.8.0-beta4

## 1.7.1 Available under license :

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

# 1.8 openssl 1.1.1k-r0

## 1.8.1 Notifications :

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com). This product includes software written by Tim Hudson (tjh@cryptsoft.com). This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/)

\_\_\_\_\_

## 1.8.2 Available under license :

LICENSE ISSUES

\_\_\_\_\_

The OpenSSL toolkit stays under a double license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit. See below for the actual license texts.

**OpenSSL** License

-----

\* Copyright (c) 1998-2019 The OpenSSL Project. All rights reserved.

\*

\* Redistribution and use in source and binary forms, with or without

/\* \_\_\_\_\_

- \* modification, are permitted provided that the following conditions
- \* are met:
- \*

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

\*

- \* 2. Redistributions in binary form must reproduce the above copyright
- \* notice, this list of conditions and the following disclaimer in
- \* the documentation and/or other materials provided with the
- \* distribution.
- \*
- \* 3. All advertising materials mentioning features or use of this
- \* software must display the following acknowledgment:
- \* "This product includes software developed by the OpenSSL Project
- \* for use in the OpenSSL Toolkit. (http://www.openssl.org/)"
- \*
- \* 4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to
- \* endorse or promote products derived from this software without
- \* prior written permission. For written permission, please contact
- \* openssl-core@openssl.org.

\*

- \* 5. Products derived from this software may not be called "OpenSSL"
- \* nor may "OpenSSL" appear in their names without prior written
- \* permission of the OpenSSL Project.

\*

- \* 6. Redistributions of any form whatsoever must retain the following
- \* acknowledgment:
- \* "This product includes software developed by the OpenSSL Project
- \* for use in the OpenSSL Toolkit (http://www.openssl.org/)"

\*

- \* THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS" AND ANY
- \* EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
- \* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
- \* PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR
- \* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
- \* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
- \* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
- \* LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
- \* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
- \* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
- \* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
- \* OF THE POSSIBILITY OF SUCH DAMAGE.
- \* \_\_\_\_\_
- \*
- \* This product includes cryptographic software written by Eric Young
- \* (eay@cryptsoft.com). This product includes software written by Tim
- \* Hudson (tjh@cryptsoft.com).
- \*
- \*/

Original SSLeay License

------

/\* Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)

\* All rights reserved.

\*

\* This package is an SSL implementation written

\* by Eric Young (eay@cryptsoft.com).

\* The implementation was written so as to conform with Netscapes SSL.

\*

\* This library is free for commercial and non-commercial use as long as

\* the following conditions are aheared to. The following conditions

\* apply to all code found in this distribution, be it the RC4, RSA,

\* lhash, DES, etc., code; not just the SSL code. The SSL documentation

\* included with this distribution is covered by the same copyright terms

\* except that the holder is Tim Hudson (tjh@cryptsoft.com).

\*

\* Copyright remains Eric Young's, and as such any Copyright notices in

\* the code are not to be removed.

\* If this package is used in a product, Eric Young should be given attribution

\* as the author of the parts of the library used.

\* This can be in the form of a textual message at program startup or

\* in documentation (online or textual) provided with the package.

\*

\* Redistribution and use in source and binary forms, with or without

\* modification, are permitted provided that the following conditions

\* are met:

\* 1. Redistributions of source code must retain the copyright

\* notice, this list of conditions and the following disclaimer.

\* 2. Redistributions in binary form must reproduce the above copyright

\* notice, this list of conditions and the following disclaimer in the

\* documentation and/or other materials provided with the distribution.

\* 3. All advertising materials mentioning features or use of this software

\* must display the following acknowledgement:

\* "This product includes cryptographic software written by

\* Eric Young (eay@cryptsoft.com)"

\* The word 'cryptographic' can be left out if the rouines from the library

\* being used are not cryptographic related :-).

\* 4. If you include any Windows specific code (or a derivative thereof) from

\* the apps directory (application code) you must include an acknowledgement:

\* "This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

\*

\* THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS" AND

\* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

\* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

\* ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE

\* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL

\* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS

\* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)

\* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT

\* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY

\* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF

\* SUCH DAMAGE.

\*

- \* The licence and distribution terms for any publically available version or
- \* derivative of this code cannot be changed. i.e. this code cannot simply be
- \* copied and put under another distribution licence
- \* [including the GNU Public Licence.]
- \*/

# 1.9 netty-buffer 4.1.52. Final

### 1.9.1 Available under license :

No license file was found, but licenses were detected in source scan.

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

Found in path(s): \* /opt/ws\_local/PERMITS\_SQL/1093815874\_1601014588.69/0/netty-buffer-4-1-52-final-jar/META-INF/MANIFEST.MF No license file was found, but licenses were detected in source scan.

# The Netty Project licenses this file to you under the Apache License,
# version 2.0 (the "License"); you may not use this file except in compliance
# with the License. You may obtain a copy of the License at:
# http://www.apache.org/licenses/LICENSE-2.0
# distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815874\_1601014588.69/0/netty-buffer-4-1-52-final-jar/META-INF/nativeimage/io.netty/buffer/native-image.properties No license file was found, but licenses were detected in source scan.

~ Copyright 2012 The Netty Project

~

~ The Netty Project licenses this file to you under the Apache License,

~ version 2.0 (the "License"); you may not use this file except in compliance

~ with the License. You may obtain a copy of the License at:

~

~ http://www.apache.org/licenses/LICENSE

2.0

~

~ Unless required by applicable law or agreed to in writing, software

 $\sim$  distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

~ WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

~ License for the specific language governing permissions and limitations

~ under the License.

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815874\_1601014588.69/0/netty-buffer-4-1-52-final-jar/META-INF/maven/io.netty/netty-buffer/pom.xml

# 1.10 ignite-spring 2.9.1

## 1.10.1 Available under license :

// -----

// List of ignite-spring module's dependencies provided as a part of this distribution.

// -----

For Spring AOP (https://github.com/spring-projects/spring-framework) org.springframework:spring-aop:jar:4.3.26.RELEASE

This product bundles Spring AOP which is available under the following: Apache License, Version 2.0. For details, see https://www.apache.org/licenses/LICENSE-2.0.

For Spring Beans (https://github.com/spring-projects/spring-framework) org.springframework:springbeans:jar:4.3.26.RELEASE

This product bundles Spring Beans which is available under the following: Apache License, Version 2.0. For details, see https://www.apache.org/licenses/LICENSE-2.0.

For Spring Context (https://github.com/spring-projects/spring-framework) org.springframework:spring-context:jar:4.3.26.RELEASE

This product bundles Spring Context which is available under the following: Apache License, Version 2.0. For details, see https://www.apache.org/licenses/LICENSE-2.0.

For Spring Core (https://github.com/spring-projects/spring-framework) org.springframework:spring-core:jar:4.3.26.RELEASE

This product bundles Spring Core which is available under the following: Apache License, Version 2.0. For details, see https://www.apache.org/licenses/LICENSE-2.0.

For Spring Expression Language (SpEL) (https://github.com/spring-projects/spring-framework) org.springframework:spring-expression:jar:4.3.26.RELEASE

This product bundles Spring Expression Language (SpEL) which is available under the following:

Apache License, Version 2.0. For details, see https://www.apache.org/licenses/LICENSE-2.0.

For Spring JDBC (https://github.com/spring-projects/spring-framework) org.springframework:spring-jdbc:jar:4.3.26.RELEASE

This product bundles Spring JDBC which is available under the following: Apache License, Version 2.0. For details, see https://www.apache.org/licenses/LICENSE-2.0.

For Spring Transaction (https://github.com/spring-projects/spring-framework) org.springframework:spring-tx:jar:4.3.26.RELEASE

This product bundles Spring Transaction which is available under the following: Apache License, Version 2.0. For details, see https://www.apache.org/licenses/LICENSE-2.0.

For Commons Logging (http://commons.apache.org/logging) commons-logging:commons-logging:jar:1.1.1

This product bundles Commons Logging which is available under the following: The Apache Software License, Version 2.0. For details, see http://www.apache.org/licenses/LICENSE-2.0.txt.

For ignite-core (http://ignite.apache.org) org.apache.ignite:ignite-core:jar:2.9.1

This product bundles ignite-core which is available under the following:

The Apache Software License, Version 2.0. For details, see http://www.apache.org/licenses/LICENSE-2.0.txt.

For ignite-indexing (http://ignite.apache.org) org.apache.ignite:ignite-indexing:jar:2.9.1

This product bundles ignite-indexing which is available under the following: The Apache Software License, Version 2.0. For details, see http://www.apache.org/licenses/LICENSE-2.0.txt.

ignite-spring Copyright 2020 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (http://www.apache.org/).

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

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

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

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

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

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

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

#### Copyright [yyyy] [name of copyright owner]

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

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

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

# 1.11 lcms 2.9

## 1.11.1 Available under license :

Little CMS Copyright (c) 1998-2011 Marti Maria Saguer

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

THIS LICENSE APPLIES ONLY TO iccjpeg.c file

-----

In plain English:

- 1. We don't promise that this software works. (But if you find any bugs, please let us know!)
- 2. You can use this software for whatever you want. You don't have to pay us.
- 3. You may not pretend that you wrote this software. If you use it in a program, you must acknowledge somewhere in your documentation that you've used the IJG code.

In legalese:

The authors make NO WARRANTY or representation, either express or implied, with respect to this software, its quality, accuracy, merchantability, or fitness for a particular purpose. This software is provided "AS IS", and you, its user, assume the entire risk as to its quality and accuracy.

This software is copyright (C) 1991-2013, Thomas G. Lane, Guido Vollbeding. All Rights Reserved except as specified below.

Permission is hereby granted to use, copy, modify, and distribute this software (or portions thereof) for any purpose, without fee, subject to these conditions:

 (1) If any part of the source code for this software is distributed, then this README file must be included, with this copyright and no-warranty notice unaltered; and any additions, deletions, or changes to the original files must be clearly indicated in accompanying documentation.
 (2) If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the Independent JPEG Group".
 (3) Permission for use of this software is granted only if the user accepts

full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name in advertising or publicity relating to this software or products derived from it. This software may be referred to only as "the Independent JPEG Group's software".

We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are assumed by the product vendor.

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

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

We are required to state that

"The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CompuServe Incorporated."

# 1.12 openjdk-jre 11.0.8u10

## 1.12.1 Available under license :

## Pako v1.0

### Pako License

Copyright (C) 2014-2017 by Vitaly Puzrin and Andrei Tuputcyn

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

(C) 1995-2013 Jean-loup Gailly and Mark Adler(C) 2014-2017 Vitaly Puzrin and Andrey Tupitsin

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.

2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.

3. This notice may not be removed or altered from any source distribution.

#### 

Within this directory, each of the file listed below is licensed under the terms given in the file LICENSE-MPL, also in this directory.

#### pi1k.txt

pi2k.txt pi5k.txt ## c-libutl 20160225

### c-libutl License

This software is distributed under the terms of the BSD license.

(C) 2009 by Remo Dentato (rdentato@gmail.com)

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

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

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

http://opensource.org/licenses/bsd-license.php

•••

The GIFLIB distribution is Copyright (c) 1997 Eric S. Raymond

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE. ## JSZip v3.2.1

### MIT License

Copyright (c) 2009-2016 Stuart Knightley, David Duponchel, Franz Buchinger, Antnio Afonso

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

## IAIK (Institute for Applied Information Processing and Communication) PKCS#11 wrapper files v1

### IAIK License

Copyright (c) 2002 Graz University of Technology. All rights reserved.

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

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

2. Redistributions in binary form must reproduce the above copyright notice,

this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment:

"This product includes software developed by IAIK of Graz University of Technology."

Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.

4. The names "Graz University of Technology" and "IAIK of Graz University of Technology" must not be used to endorse or promote products derived from this software without prior written permission.

5. Products derived from this software may not be called "IAIK PKCS Wrapper", nor may "IAIK" appear in their name, without prior written permission of Graz University of Technology.

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

UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE

Unicode Data Files include all data files under the directories http://www.unicode.org/Public/, http://www.unicode.org/reports/, and http://www.unicode.org/cldr/data/. Unicode Data Files do not include PDF online code charts under the directory http://www.unicode.org/Public/. Software includes any source code published in the Unicode Standard or under the directories http://www.unicode.org/Public/, http://www.unicode.org/reports/, and http://www.unicode.org/cldr/data/.

NOTICE TO USER: Carefully read the following legal agreement. BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"), YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR SOFTWARE.

#### COPYRIGHT AND PERMISSION NOTICE

Copyright 1991-2016 Unicode, Inc. All rights reserved. Distributed under the Terms of Use in http://www.unicode.org/copyright.html.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that (a) the above copyright notice(s) and this permission notice appear with all copies of the Data Files or Software, (b) both the above copyright notice(s) and this permission notice appear with all copies of the documentation, and (c) there is clear notice in each modified Data File or in the Software as well as in the documentation associated with the Data File(s) or Software that the data or software has been modified.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

Within this directory, each of the file listed below is licensed under the terms given in the file LICENSE-MPL, also in this directory.

basecvt.pod gcd.pod invmod.pod isprime.pod lap.pod mpi-test.pod prime.txt prng.pod ## Double-conversion v1.1.5

### Double-conversion License

https://raw.githubusercontent.com/google/double-conversion/master/LICENSE

Copyright 2006-2011, the V8 project authors. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

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

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

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

 ## Apache Xerces v2.12.1

### Apache Xerces Notice

== NOTICE file corresponding to section 4(d) of the Apache License, ==

== Version 2.0, in this case for the Apache Xerces Java distribution. ==

Apache Xerces Java Copyright 1999-2020 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (http://www.apache.org/). Portions of this software were originally based on the following:

- software copyright (c) 1999, IBM Corporation., http://www.ibm.com.

- software copyright (c) 1999, Sun Microsystems., http://www.sun.com.

- voluntary contributions made by Paul Eng on behalf of the

Apache Software Foundation that were originally developed at iClick, Inc., software copyright (c) 1999.

### Apache 2.0 License

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

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributor patent infringement, then any patent licenses

granted to You under this License for that Work shall terminate as of the date such litigation is filed.

- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

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

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

- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

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

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]"

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

Copyright [yyyy] [name of copyright owner]

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

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

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

## Eastman Kodak Company: Portions of color management and imaging software

### Eastman Kodak Notice

Portions Copyright Eastman Kodak Company 1991-2003

Copyright (c) % YEARS% Oracle and/or its affiliates. All rights reserved.
DO NOT ALTER OR REMOVE COPYRIGHT NOTICES OR THIS FILE HEADER.

This code is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License version 2 only, as published by the Free Software Foundation. Oracle designates this particular file as subject to the "Classpath" exception as provided by Oracle in the LICENSE file that accompanied this code.

This code is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License version 2 for more details (a copy is included in the LICENSE file that accompanied this code).

You should have received a copy of the GNU General Public License version 2 along with this work; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA.

Please contact Oracle, 500 Oracle Parkway, Redwood Shores, CA 94065 USA

or visit www.oracle.com if you need additional information or have any questions. ## Apache Xalan v2.7.2 ### Apache Xalan Notice ===== ==== NOTICE file corresponding to the section 4d of the Apache License, Version 2.0, == === in this case for the Apache Xalan distribution. == =====

This product includes software developed by The Apache Software Foundation (http://www.apache.org/).

Specifically, we only include the XSLTC portion of the source from the Xalan distribution. The Xalan project has two processors: an interpretive one (Xalan Interpretive) and a compiled one (The XSLT Compiler (XSLTC)). We \*only\* use the XSLTC part of Xalan; We use the source from the packages that are part of the XSLTC sources.

Portions of this software was originally based on the following:

- software copyright (c) 1999-2002, Lotus Development Corporation., http://www.lotus.com.
- software copyright (c) 2001-2002, Sun Microsystems., http://www.sun.com.
- software copyright (c) 2003, IBM Corporation., http://www.ibm.com.
- voluntary contributions made by Ovidiu Predescu (ovidiu@cup.hp.com) on behalf of the Apache Software Foundation and was originally developed at Hewlett Packard Company.

### Apache 2.0 License

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

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

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

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

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

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

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

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

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

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

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not

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

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

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

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

#### END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

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

#### JLEX COPYRIGHT NOTICE, LICENSE AND DISCLAIMER. Copyright 1996-2003 by Elliot Joel Berk and C. Scott Ananian

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both the copyright notice and this permission notice and warranty disclaimer appear in supporting documentation, and that the name of the authors or their employers not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

The authors and their employers disclaim all warranties with regard to this software, including all implied warranties of merchantability and fitness. In no event shall the authors or their employers be liable for any special, indirect or consequential damages or any damages whatsoever resulting from loss of use, data or profits, whether in an action of contract, negligence or other tortious action, arising out of or in connection with the use or performance of this software. The portions of JLex output which are hard-coded into the JLex source code are (naturally) covered by this same license.

## PC/SC Lite v1.8.26

### PC/SC Lite License

Copyright (c) 1999-2003 David Corcoran <corcoran@linuxnet.com> Copyright (c) 2001-2011 Ludovic Rousseau <ludovic.rousseau@free.fr> All rights reserved.

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

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- 3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

Changes to this license can be made only by the copyright author with explicit written consent.

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

 ## jopt-simple v5.0.4

### MIT License

Copyright (c) 2004-2015 Paul R. Holser, Jr.

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

 ## Independent JPEG Group: JPEG release 6b

### JPEG License

Must reproduce following license in documentation and/or other materials provided with distribution:

The authors make NO WARRANTY or representation, either express or implied, with respect to this software, its quality, accuracy, merchantability, or fitness for a particular purpose. This software is provided "AS IS", and you, its user, assume the entire risk as to its quality and accuracy.

This software is copyright (C) 1991-1998, Thomas G. Lane.

All Rights Reserved except as specified below.

Permission is hereby granted to use, copy, modify, and distribute this software (or portions thereof) for any purpose, without fee, subject to these conditions:

(1) If any part of the source code for this software is distributed, then this README file must be included, with this copyright and no-warranty notice unaltered; and any additions, deletions, or changes to the original files must be clearly indicated in accompanying documentation.

(2) If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the Independent JPEG Group".

(3) Permission for use of this software is granted only if the user accepts full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name in advertising or publicity relating to this software or products derived from it. This software may be referred to only as "the Independent JPEG Group's software".

We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are assumed by the product vendor.

ansi2knr.c is included in this distribution by permission of L. Peter Deutsch, sole proprietor of its copyright holder, Aladdin Enterprises of Menlo Park, CA. ansi2knr.c is NOT covered by the above copyright and conditions, but instead by the usual distribution terms of the Free Software Foundation; principally, that you must include source code if you redistribute it. (See the file ansi2knr.c for full details.) However, since ansi2knr.c is not needed as part of any program generated from the IJG code, this does not limit you more than the foregoing paragraphs do.

The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable. It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

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

We are required to state that "The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CompuServe Incorporated."

#### 

Within this directory, each of the file listed below is licensed under the terms given in the file LICENSE-MPL, also in this directory.

PRIMES ## DOM Level 3 Core Specification v1.0

### W3C License

#### W3C SOFTWARE NOTICE AND LICENSE

http://www.w3.org/Consortium/Legal/2002/copyright-software-20021231

This work (and included software, documentation such as READMEs, or other related items) is being provided by the copyright holders under the following license. By obtaining, using and/or copying this work, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions.

Permission to copy, modify, and distribute this software and its documentation, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the software and documentation or portions thereof, including modifications:

1. The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.

2.Any pre-existing intellectual property disclaimers, notices, or terms and conditions. If none exist, the W3C Software Short Notice should be included (hypertext is preferred, text is permitted) within the body of any redistributed or derivative code.

3.Notice of any changes or modifications to the files, including the date changes were made. (We recommend you provide URIs to the location from which the code is derived.)

THIS SOFTWARE AND DOCUMENTATION IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENTATION WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENTATION. The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the software without specific, written prior permission. Title to copyright in this software and any associated documentation will at all times remain with copyright holders.

This formulation of W3C's notice and license became active on December 31 2002. This version removes the copyright ownership notice such that this license can be used with materials other than those owned by the W3C, reflects that ERCIM is now a host of the W3C, includes references to this specific dated version of the license, and removes the ambiguous grant of "use". Otherwise, this version is the same as the previous version and is written so as to preserve the Free Software Foundation's assessment of GPL compatibility and OSI's certification under the Open Source Definition. Please see our Copyright FAQ for common questions about using materials from our site, including specific terms and conditions for packages like libwww, Amaya, and Jigsaw. Other questions about this notice can be directed to site-policy@w3.org.

COPYRIGHT NOTICE, DISCLAIMER, and LICENSE

PNG Reference Library License version 2

-----

- \* Copyright (c) 1995-2019 The PNG Reference Library Authors.
- \* Copyright (c) 2018-2019 Cosmin Truta.
- \* Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson.

\_\_\_\_\_

\* Copyright (c) 1996-1997 Andreas Dilger.

\* Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

The software is supplied "as is", without warranty of any kind, express or implied, including, without limitation, the warranties of merchantability, fitness for a particular purpose, title, and non-infringement. In no event shall the Copyright owners, or anyone distributing the software, be liable for any damages or other liability, whether in contract, tort or otherwise, arising from, out of, or in connection with the software, or the use or other dealings in the software, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this software, or portions hereof, for any purpose, without fee, subject to the following restrictions:

- 1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated, but is not required.
- 2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
- 3. This Copyright notice may not be removed or altered from any source or altered source distribution.

PNG Reference Library License version 1 (for libpng 0.5 through 1.6.35)

libpng versions 1.0.7, July 1, 2000, through 1.6.35, July 15, 2018 are Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson, are derived from libpng-1.0.6, and are distributed according to the same disclaimer and license as libpng-1.0.6 with the following individuals added to the list of Contributing Authors:

Simon-Pierre Cadieux Eric S. Raymond Mans Rullgard Cosmin Truta Gilles Vollant James Yu Mandar Sahastrabuddhe Google Inc. Vadim Barkov and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes or needs. This library is provided with all faults, and the entire risk of satisfactory quality, performance, accuracy, and effort is with the user.

Some files in the "contrib" directory and some configure-generated files that are distributed with libpng have other copyright owners, and are released under other open source licenses.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are Copyright (c) 1998-2000 Glenn Randers-Pehrson, are derived from libpng-0.96, and are distributed according to the same disclaimer and license as libpng-0.96, with the following individuals added to the list of Contributing Authors:

Tom Lane Glenn Randers-Pehrson Willem van Schaik

libpng versions 0.89, June 1996, through 0.96, May 1997, are Copyright (c) 1996-1997 Andreas Dilger, are derived from libpng-0.88, and are distributed according to the same disclaimer and license as libpng-0.88, with the following individuals added to the list of Contributing Authors:

John Bowler Kevin Bracey Sam Bushell Magnus Holmgren Greg Roelofs Tom Tanner

Some files in the "scripts" directory have other copyright owners, but are released under this license.

libpng versions 0.5, May 1995, through 0.88, January 1996, are Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors" is defined as the following set of individuals:

Andreas Dilger Dave Martindale Guy Eric Schalnat Paul Schmidt Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing Authors and Group 42, Inc. disclaim all warranties, expressed or implied, including, without limitation, the warranties of merchantability and of fitness for any purpose. The Contributing Authors and Group 42, Inc. assume no liability for direct, indirect, incidental, special, exemplary, or consequential damages, which may result from the use of the PNG Reference Library, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this source code, or portions hereof, for any purpose, without fee, subject to the following restrictions:

- 1. The origin of this source code must not be misrepresented.
- 2. Altered versions must be plainly marked as such and must not be misrepresented as being the original source.
- 3. This Copyright notice may not be removed or altered from any source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit, without fee, and encourage the use of this source code as a component to supporting the PNG file format in commercial products. If you use this source code in a product, acknowledgment is not required but would be appreciated.

The GNU General Public License (GPL)

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc. 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

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

# Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

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

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

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

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

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

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as

# "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

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

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

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

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

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

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

whole, and thus to each and every part regardless of who wrote it.

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

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

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

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

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

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

4. You may not copy, modify, sublicense, or distribute the Program except as

expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a

consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

# NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE

PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A

# FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

# END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

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

One line to give the program's name and a brief idea of what it does.

Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

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

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'. This is free software, and you are welcome to redistribute it under certain conditions; type 'show c' for details.

The hypothetical commands 'show w' and 'show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than 'show w' and 'show c'; they could even be mouse-clicks or menu items--whatever suits your program. You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

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

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

# "CLASSPATH" EXCEPTION TO THE GPL

Certain source files distributed by Oracle America and/or its affiliates are subject to the following clarification and special exception to the GPL, but only where Oracle has expressly included in the particular source file's header the words "Oracle designates this particular file as subject to the "Classpath" exception as provided by Oracle in the LICENSE file that accompanied this code."

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

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

### Dynalink License

Copyright (c) 2009-2013, Attila Szegedi

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

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
\* Neither the name of the copyright holder nor the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.

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

Copyright (c) % YEARS% Oracle and/or its affiliates. All rights reserved.

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

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of Oracle nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. \*\*\*\*\* BEGIN LICENSE BLOCK \*\*\*\*\* Version: MPL 1.1/GPL 2.0/LGPL 2.1

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

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

The Original Code is the Netscape security libraries.

The Initial Developer of the Original Code is Netscape Communications Corporation. Portions created by Netscape are Copyright (C) 1994-2000 Netscape Communications Corporation. All Rights Reserved.

Contributor(s):

Alternatively, the contents of this file may be used under the terms of either the GNU General Public License Version 2 or later (the "GPL"), or the GNU Lesser General Public License Version 2.1 or later (the "LGPL"), in which case the provisions of the GPL or the LGPL are applicable instead of those above. If you wish to allow use of your version of this file only under the terms of either the GPL or the LGPL, and not to allow others to use your version of this file under the terms of the MPL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the GPL or the LGPL. If you do not delete the provisions above, a recipient may use your version of this file under the terms of any one of the MPL, the GPL or the LGPL.

\*\*\*\*\* END LICENSE BLOCK \*\*\*\*\* ## Mozilla Public Suffix List

### Public Suffix Notice

You are receiving a copy of the Mozilla Public Suffix List in the following file: <java-home>/lib/security/public\_suffix\_list.dat. The terms of the Oracle license do NOT apply to this file; it is licensed under the Mozilla Public License 2.0, separately from the Oracle programs you receive.

If you do not wish to use the Public Suffix List, you may remove the <java-home>/lib/security/public\_suffix\_list.dat file.

The Source Code of this file is available under the Mozilla Public License, v. 2.0 and is located at https://raw.githubusercontent.com/publicsuffix/list/cbbba1d234670453df9c930dfbf510c0474d4301/public\_suffix\_li st.dat. If a copy of the MPL was not distributed with this file, you can obtain one at https://mozilla.org/MPL/2.0/.

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

### MPL v2.0 Mozilla Public License Version 2.0

\_\_\_\_\_

1. Definitions

1.1. "Contributor"

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. "Contributor Version"

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

#### 1.3. "Contribution"

means Covered Software of a particular Contributor.

1.4. "Covered Software"

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

- 1.5. "Incompatible With Secondary Licenses" means
  - (a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or
  - (b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the

terms of a Secondary License.

## 1.6. "Executable Form"

means any form of the work other than Source Code Form.

#### 1.7. "Larger Work"

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

# 1.8. "License"

means this document.

# 1.9. "Licensable"

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications"

means any of the following:

- (a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or
- (b) any new file in Source Code Form that contains any Covered Software.

# 1.11. "Patent Claims" of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License"

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

#### 1.13. "Source Code Form"

means the form of the work preferred for making modifications.

1.14. "You" (or "Your")

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

2. License Grants and Conditions

2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

- (a) under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and
- (b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

(a) for any code that a Contributor has removed from Covered Software; or

- (b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or
- (c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

## 2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

#### 2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

#### 2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

#### 3. Responsibilities

-----

#### 3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

(a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

(b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

### 3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

# 3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

#### 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

#### 5. Termination

-----

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

***************************************		
*	*	
* 6. Disclaimer of Warranty	*	
*	*	
*	*	
* Covered Software is provided under this License on an "as is" *		
* basis, without warranty of any kind,	either expressed, implied, or *	
* statutory, including, without limitation	on, warranties that the *	
* Covered Software is free of defects,	merchantable, fit for a *	
* particular purpose or non-infringing.	The entire risk as to the *	
* quality and performance of the Cove	red Software is with You. *	

*	Should any Covered Software prove defective in any respect, You *
*	(not any Contributor) assume the cost of any necessary servicing, *
*	repair, or correction. This disclaimer of warranty constitutes an *
*	essential part of this License. No use of any Covered Software is *
*	authorized under this License except under this disclaimer.
*	*
**	***************************************
**	***************************************
*	*
*	7. Limitation of Liability *
*	*
*	*
*	Under no circumstances and under no legal theory, whether tort *
*	(including negligence), contract, or otherwise, shall any *
*	Contributor, or anyone who distributes Covered Software as *
*	permitted above, be liable to You for any direct, indirect, *
*	special, incidental, or consequential damages of any character *
*	including, without limitation, damages for lost profits, loss of *
*	goodwill, work stoppage, computer failure or malfunction, or any *
*	and all other commercial damages or losses, even if such party *
*	shall have been informed of the possibility of such damages. This $*$
*	limitation of liability shall not apply to liability for death or *
*	personal injury resulting from such party's negligence to the *
*	extent applicable law prohibits such limitation. Some *
*	jurisdictions do not allow the exclusion or limitation of *
*	incidental or consequential damages, so this exclusion and *
*	limitation may not apply to You.
*	*
**	***************************************

#### 8. Litigation

\_\_\_\_\_

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

#### 9. Miscellaneous

\_\_\_\_\_

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

10. Versions of the License

10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice

-----

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at https://mozilla.org/MPL/2.0/.

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

You may add additional accurate notices of copyright ownership.

Exhibit B - "Incompatible With Secondary Licenses" Notice

-----

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

•••

## The FreeType Project: Freetype v2.10.4

### FreeType Notice

•••

FreeType comes with two licenses from which you can choose the one which fits your needs best.

The FreeType License (FTL) is the most commonly used one. It is a BSD-style license with a credit clause and thus compatible with the GNU Public License (GPL) version 3, but not with the GPL version 2.

The GNU General Public License (GPL), version 2. Use it for all projects which use the GPLv2 also, or which need a license compatible to the GPLv2.

•••

### FreeType License

The FreeType Project LICENSE

-----

2006-Jan-27

Copyright 1996-2002, 2006 by David Turner, Robert Wilhelm, and Werner Lemberg

Introduction

\_\_\_\_\_

The FreeType Project is distributed in several archive packages; some of them may contain, in addition to the FreeType font engine, various tools and contributions which rely on, or relate to, the FreeType Project. This license applies to all files found in such packages, and which do not fall under their own explicit license. The license affects thus the FreeType font engine, the test programs, documentation and makefiles, at the very least.

This license was inspired by the BSD, Artistic, and IJG (Independent JPEG Group) licenses, which all encourage inclusion and use of free software in commercial and freeware products alike. As a consequence, its main points are that:

- o We don't promise that this software works. However, we will be interested in any kind of bug reports. (`as is' distribution)
- o You can use this software for whatever you want, in parts or full form, without having to pay us. (`royalty-free' usage)
- o You may not pretend that you wrote this software. If you use it, or only parts of it, in a program, you must acknowledge somewhere in your documentation that you have used the FreeType code. (`credits')

We specifically permit and encourage the inclusion of this software, with or without modifications, in commercial products. We disclaim all warranties covering The FreeType Project and assume no liability related to The FreeType Project.

Finally, many people asked us for a preferred form for a credit/disclaimer to use in compliance with this license. We thus encourage you to use the following text:

.....

Portions of this software are copyright <year> The FreeType Project (www.freetype.org). All rights reserved.

Please replace <year> with the value from the FreeType version you actually use.

#### Legal Terms

\_\_\_\_\_

# 0. Definitions

-----

Throughout this license, the terms `package', `FreeType Project', and `FreeType archive' refer to the set of files originally

distributed by the authors (David Turner, Robert Wilhelm, and Werner Lemberg) as the 'FreeType Project', be they named as alpha, beta or final release.

`You' refers to the licensee, or person using the project, where `using' is a generic term including compiling the project's source code as well as linking it to form a `program' or `executable'. This program is referred to as `a program using the FreeType engine'.

This license applies to all files distributed in the original FreeType Project, including all source code, binaries and documentation, unless otherwise stated in the file in its original, unmodified form as distributed in the original archive. If you are unsure whether or not a particular file is covered by this license, you must contact us to verify this.

The FreeType Project is copyright (C) 1996-2000 by David Turner, Robert Wilhelm, and Werner Lemberg. All rights reserved except as specified below.

#### 1. No Warranty

------

THE FREETYPE PROJECT IS PROVIDED `AS IS' WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL ANY OF THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY DAMAGES CAUSED BY THE USE OR THE INABILITY TO USE, OF THE FREETYPE PROJECT.

#### 2. Redistribution

-----

This license grants a worldwide, royalty-free, perpetual and irrevocable right and license to use, execute, perform, compile, display, copy, create derivative works of, distribute and sublicense the FreeType Project (in both source and object code forms) and derivative works thereof for any purpose; and to authorize others to exercise some or all of the rights granted herein, subject to the following conditions:

o Redistribution of source code must retain this license file ('FTL.TXT') unaltered; any additions, deletions or changes to the original files must be clearly indicated in accompanying documentation. The copyright notices of the unaltered, original files must be preserved in all copies of source files. o Redistribution in binary form must provide a disclaimer that states that the software is based in part of the work of the FreeType Team, in the distribution documentation. We also encourage you to put an URL to the FreeType web page in your documentation, though this isn't mandatory.

These conditions apply to any software derived from or based on the FreeType Project, not just the unmodified files. If you use our work, you must acknowledge us. However, no fee need be paid to us.

#### 3. Advertising

-----

Neither the FreeType authors and contributors nor you shall use the name of the other for commercial, advertising, or promotional purposes without specific prior written permission.

We suggest, but do not require, that you use one or more of the following phrases to refer to this software in your documentation or advertising materials: 'FreeType Project', 'FreeType Engine', 'FreeType library', or 'FreeType Distribution'.

As you have not signed this license, you are not required to accept it. However, as the FreeType Project is copyrighted material, only this license, or another one contracted with the authors, grants you the right to use, distribute, and modify it. Therefore, by using, distributing, or modifying the FreeType Project, you indicate that you understand and accept all the terms of this license.

#### 4. Contacts

\_\_\_\_\_

There are two mailing lists related to FreeType:

o freetype@nongnu.org

Discusses general use and applications of FreeType, as well as future and wanted additions to the library and distribution. If you are looking for support, start in this list if you haven't found anything to help you in the documentation.

# o freetype-devel@nongnu.org

Discusses bugs, as well as engine internals, design issues, specific licenses, porting, etc.

#### Our home page can be found at

http://www.freetype.org

~~~

 $\#\#\# \ GPL \ v2$ 

•••

GNU GENERAL PUBLIC LICENSE Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

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

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

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights. We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

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

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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

# GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

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

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

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

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

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

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

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

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

3. You may copy and distribute the Program (or a work based on it,

under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readablesource code, which must be distributed under the terms of Sections1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

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

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

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

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are

prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the

original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

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

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

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

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

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

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

You should also get your employer (if you work as a programmer) or your

school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

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

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

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

#### 

--- fthash.c and fthash.h are covered by the following notices ---

/\*

- \* Copyright 2000 Computing Research Labs, New Mexico State University
- \* Copyright 2001-2015
- \* Francesco Zappa Nardelli
- \*
- \* Permission is hereby granted, free of charge, to any person obtaining a
- \* copy of this software and associated documentation files (the "Software"),
- \* to deal in the Software without restriction, including without limitation
- \* the rights to use, copy, modify, merge, publish, distribute, sublicense,
- \* and/or sell copies of the Software, and to permit persons to whom the
- \* Software is furnished to do so, subject to the following conditions:

\*

\* The above copyright notice and this permission notice shall be included in

\* all copies or substantial portions of the Software.

\*

\* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR \* IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, \* FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL \* THE COMPUTING RESEARCH LAB OR NEW MEXICO STATE UNIVERSITY BE LIABLE FOR ANY \* CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT \* OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR \* THE USE OR OTHER DEALINGS IN THE SOFTWARE. \*/

\*

\* This file is based on code from bdf.c,v 1.22 2000/03/16 20:08:50

\*

\* taken from Mark Leisher's xmbdfed package

#### \*\*\*\*\*\*

--- FreeType 2 PSaux module is covered by the following notices ---

#### Copyright 2006-2014 Adobe Systems Incorporated.

This software, and all works of authorship, whether in source or object code form as indicated by the copyright notice(s) included herein (collectively, the "Work") is made available, and may only be used, modified, and distributed under the FreeType Project License, LICENSE.TXT. Additionally, subject to the terms and conditions of the FreeType Project License, each contributor to the Work hereby grants to any individual or legal entity exercising permissions granted by the FreeType Project License and this section (hereafter, "You" or "Your") a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such contributor that are necessarily infringed by their contribution(s) alone or by combination of their contribution(s) with the Work to which such contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

By using, modifying, or distributing the Work you indicate that you have read and understood the terms and conditions of the FreeType Project License as well as those provided in this section, and you accept them fully.

==

==

•••

## Apache Commons Byte Code Engineering Library (BCEL) Version 6.4.1

### Apache Commons BCEL Notice

== NOTICE file corresponding to the section 4 d of

== the Apache License, Version 2.0,

This product includes software developed by The Apache Software Foundation (http://www.apache.org/).

### Apache 2.0 License

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

## TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses

granted to You under this License for that Work shall terminate as of the date such litigation is filed.

- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

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

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

- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

## END OF TERMS AND CONDITIONS

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

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]"

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

Copyright [yyyy] [name of copyright owner]

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

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

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

 ## Little Color Management System (LCMS) v2.12

### LCMS License

Little Color Management System Copyright (c) 1998-2020 Marti Maria Saguer

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.  ## ASM Bytecode Manipulation Framework v6.0

### ASM License

Copyright (c) 2000-2011 France Tlcom All rights reserved.

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

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

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

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

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

 ## The Unicode Standard, Unicode Character Database, Version 10.0.0

### Unicode Character Database

•••

UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE Unicode Data Files include all data files under the directories http://www.unicode.org/Public/, http://www.unicode.org/reports/, http://www.unicode.org/cldr/data/, http://source.icu-project.org/repos/icu/, and http://www.unicode.org/utility/trac/browser/.

Unicode Data Files do not include PDF online code charts under the directory http://www.unicode.org/Public/.

Software includes any source code published in the Unicode Standard or under the directories http://www.unicode.org/Public/, http://www.unicode.org/reports/, http://www.unicode.org/cldr/data/, http://source.icu-project.org/repos/icu/, and http://www.unicode.org/utility/trac/browser/.

NOTICE TO USER: Carefully read the following legal agreement. BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"), YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR SOFTWARE.

# COPYRIGHT AND PERMISSION NOTICE

Copyright 1991-2018 Unicode, Inc. All rights reserved. Distributed under the Terms of Use in http://www.unicode.org/copyright.html.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that either (a) this copyright and permission notice appear with all copies of the Data Files or Software, or (b) this copyright and permission notice appear in associated Documentation.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE. Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

#### •••

Copyright (c) 1999-2003 David Corcoran <corcoran@musclecard.com> Copyright (c) 2001-2011 Ludovic Rousseau <ludovic.rousseau@free.fr> All rights reserved.

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

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- 3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

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

Some files are under GNU GPL v3 or any later version

- doc/example/pcsc\_demo.c
- the files in src/spy/
- the files in UnitaryTests/

Copyright (C) 2003-2014 Ludovic Rousseau

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful,

but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <a href="http://www.gnu.org/licenses/">http://www.gnu.org/licenses/</a>>.

Files src/auth.c and src/auth.h are:

- \* Copyright (C) 2013 Red Hat
- \*
- \* All rights reserved.
- \* Redistribution and use in source and binary forms, with or without
- \* modification, are permitted provided that the following conditions
- \* are met:
- \*

\* 1. Redistributions of source code must retain the above copyright

- \* notice, this list of conditions and the following disclaimer.
- \*

\* 2. Redistributions in binary form must reproduce the above copyright

\* notice, this list of conditions and the following disclaimer in the

\* documentation and/or other materials provided with the distribution.

\*

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

\*

\* Author: Nikos Mavrogiannopoulos <nmav@redhat.com>

Files src/simclist.c and src/simclist.h are:

\* Copyright (c) 2007,2008,2009,2010,2011 Mij <mij@bitchx.it>

\*

\* Permission to use, copy, modify, and 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.

\*

\* THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES \* WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF \* MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR \* ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES \* WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN \* ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF \* OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE. ## xwd v1.0.7

### xwd utility

This is the copyright for the files in src/java.desktop/unix/native/libawt\_xawt: list.h, multiVis.h, wsutils.h, list.c, multiVis.c

Copyright 1994 Hewlett-Packard Co. Copyright 1996, 1998 The Open Group

Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation.

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE OPEN GROUP BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of The Open Group shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from The Open Group.

## Mozilla Elliptic Curve Cryptography (ECC)

### Mozilla ECC Notice

This notice is provided with respect to Elliptic Curve Cryptography, which is included with JRE, JDK, and OpenJDK.

You are receiving a [copy](http://hg.openjdk.java.net/jdk9/jdk9/jdk/file/tip/src/jdk.crypto.ec/share/native/libsunec/impl)

of the Elliptic Curve Cryptography library in source form with the JDK and OpenJDK source distributions, and as object code in the JRE & JDK runtimes.

In the case of the JRE & JDK runtimes, the terms of the Oracle license do NOT apply to the Elliptic Curve Cryptography library; it is licensed under the following license, separately from Oracle's JDK & JRE. If you do not wish to install the Elliptic Curve Cryptography library, you may delete the Elliptic Curve Cryptography library:

- On Solaris and Linux systems: delete \$(JAVA\_HOME)/lib/libsunec.so
- On Mac OSX systems: delete \$(JAVA\_HOME)/lib/libsunec.dylib
- On Windows systems: delete \$(JAVA\_HOME)\bin\sunec.dll

### Written Offer for Source Code

For third party technology that you receive from Oracle in binary form which is licensed under an open source license that gives you the right to receive the source code for that binary, you can obtain a copy of the applicable source code from this page:

http://hg.openjdk.java.net/jdk9/jdk9/jdk/file/tip/src/jdk.crypto.ec/share/native/libsunec/impl

If the source code for the technology was not provided to you with the binary, you can also receive a copy of the source code on physical media by submitting a written request to:

Oracle America, Inc. Attn: Associate General Counsel, Development and Engineering Legal 500 Oracle Parkway, 10th Floor Redwood Shores, CA 94065

Or, you may send an email to Oracle using the form at:

http://www.oracle.com/goto/opensourcecode/request

Your request should include:

- The name of the component or binary file(s) for which you are requesting the source code

- The name and version number of the Oracle product containing the binary
- The date you received the Oracle product

- Your name

- Your company name (if applicable)

- Your return mailing address and email and
- A telephone number in the event we need to reach you.

We may charge you a fee to cover the cost of physical media and processing. Your request must be sent (i) within three (3) years of the date you received the Oracle product that included the component or binary file(s) that are the subject of your request, or (ii) in the case of code licensed under the GPL v3, for as long as Oracle offers spare parts or customer support for that product model.

### LGPL 2.1

# GNU LESSER GENERAL PUBLIC LICENSE Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc. 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

# GNU LESSER GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

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

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables. The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

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

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

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

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

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

a) The modified work must itself be a software library.

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

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

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

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

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

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

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

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy. This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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

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

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

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

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

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

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself. 6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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

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

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

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

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

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

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

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

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

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

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

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

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the

Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time.

Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest

possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

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

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

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

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

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

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

That's all there is to it!

 ## zlib v1.2.11

### zlib License

Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

- 1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
- 2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.

3. This notice may not be removed or altered from any source distribution.

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

 ## CUP Parser Generator for Java v 0.11b

### CUP Parser Generator License

Copyright 1996-2015 by Scott Hudson, Frank Flannery, C. Scott Ananian, Michael Petter

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both the copyright notice and this permission notice and warranty disclaimer appear in supporting documentation, and that the names of the authors or their employers not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

The authors and their employers disclaim all warranties with regard to this software, including all implied warranties of merchantability and fitness. In no event shall the authors or their employers be liable for any special, indirect or consequential damages or any damages whatsoever resulting from loss of use, data or profits, whether in an action of contract, negligence or other tortious action, arising out of or in connection with the use or performance of this software.

 This is the copyright file ## Harfbuzz v2.3.1 ### Harfbuzz License

http://cgit.freedesktop.org/harfbuzz/tree/COPYING

HarfBuzz is licensed under the so-called "Old MIT" license. Details follow. For parts of HarfBuzz that are licensed under different licenses see individual files names COPYING in subdirectories where applicable.

Copyright 2010,2011,2012 Google, Inc.
Copyright 2012 Mozilla Foundation
Copyright 2011 Codethink Limited
Copyright 2008,2010 Nokia Corporation and/or its subsidiary(-ies)
Copyright 2009 Keith Stribley
Copyright 2009 Martin Hosken and SIL International
Copyright 2007 Chris Wilson
Copyright 2006 Behdad Esfahbod
Copyright 2005 David Turner
Copyright 2004,2007,2008,2009,2010 Red Hat, Inc.
Copyright 1998-2004 David Turner and Werner Lemberg

For full copyright notices consult the individual files in the package.

Permission is hereby granted, without written agreement and without license or royalty fees, to use, copy, modify, and distribute this software and its documentation for any purpose, provided that the above copyright notice and the following two paragraphs appear in all copies of this software.

IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE TO ANY PARTY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS SOFTWARE AND ITS DOCUMENTATION, EVEN IF THE COPYRIGHT HOLDER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

THE COPYRIGHT HOLDER SPECIFICALLY DISCLAIMS ANY WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE SOFTWARE PROVIDED HEREUNDER IS ON AN "AS IS" BASIS, AND THE COPYRIGHT HOLDER HAS NO OBLIGATION TO PROVIDE MAINTENANCE, SUPPORT, UPDATES, ENHANCEMENTS, OR MODIFICATIONS.

All source code, except for one section, is licensed as above. The one exception is licensed with a slightly different MIT variant: The contents of this directory are licensed under the following terms:

Copyright (C) 2012 Grigori Goronzy <greg@kinoho.net>

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.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

 Copyright 2008, Google Inc. All rights reserved.

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

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

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

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Copyright 2005 Sun Microsystems, Inc. All rights reserved. Use is subject to license terms.

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at http://mozilla.org/MPL/2.0/.

All images in this directory are copyright 1995 by Jeff Dinkins. Unauthorized reproduction is prohibited.

For more information about Jeff's photographs, please see:

http://www.theFixx.org/Jeff

Mozilla Public License Version 2.0

\_\_\_\_\_

### 1. Definitions

-----

#### 1.1. "Contributor"

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. "Contributor Version"

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution"

means Covered Software of a particular Contributor.

1.4. "Covered Software"

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

- 1.5. "Incompatible With Secondary Licenses" means
  - (a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or
  - (b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.
- 1.6. "Executable Form"

means any form of the work other than Source Code Form.

1.7. "Larger Work"

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. "License" means this document.

### 1.9. "Licensable"

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications"

means any of the following:

- (a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or
- (b) any new file in Source Code Form that contains any Covered Software.
- 1.11. "Patent Claims" of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License"

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

# 1.13. "Source Code Form"

means the form of the work preferred for making modifications.

## 1.14. "You" (or "Your")

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

2. License Grants and Conditions

2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

- (a) under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and
- (b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

### 2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

(a) for any code that a Contributor has removed from Covered Software; or

- (b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or
- (c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

### 2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

### 2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

#### 2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

#### 3. Responsibilities

-----

## 3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

- (a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and
- (b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

## 3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

## 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

#### 5. Termination

-----

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

| ***************************************                                  |  |  |
|--------------------------------------------------------------------------|--|--|
| * *                                                                      |  |  |
| * 6. Disclaimer of Warranty *                                            |  |  |
| * *                                                                      |  |  |
| * *                                                                      |  |  |
| * Covered Software is provided under this License on an "as is" *        |  |  |
| * basis, without warranty of any kind, either expressed, implied, or $*$ |  |  |
| * statutory, including, without limitation, warranties that the *        |  |  |
| * Covered Software is free of defects, merchantable, fit for a *         |  |  |
| * particular purpose or non-infringing. The entire risk as to the *      |  |  |
| * quality and performance of the Covered Software is with You. *         |  |  |
| * Should any Covered Software prove defective in any respect, You *      |  |  |
| * (not any Contributor) assume the cost of any necessary servicing, *    |  |  |
| * repair, or correction. This disclaimer of warranty constitutes an *    |  |  |
| * essential part of this License. No use of any Covered Software is *    |  |  |
| * authorized under this License except under this disclaimer. *          |  |  |
| * *                                                                      |  |  |
| *************                                                            |  |  |
|                                                                          |  |  |
| *************                                                            |  |  |
| * *                                                                      |  |  |
| * 7. Limitation of Liability *                                           |  |  |

| *  | *                                                                     |
|----|-----------------------------------------------------------------------|
| *  | *                                                                     |
| *  | Under no circumstances and under no legal theory, whether tort *      |
| *  | (including negligence), contract, or otherwise, shall any *           |
| *  | Contributor, or anyone who distributes Covered Software as *          |
| *  | permitted above, be liable to You for any direct, indirect, *         |
| *  | special, incidental, or consequential damages of any character *      |
| *  | including, without limitation, damages for lost profits, loss of *    |
| *  | goodwill, work stoppage, computer failure or malfunction, or any *    |
| *  | and all other commercial damages or losses, even if such party *      |
| *  | shall have been informed of the possibility of such damages. This $*$ |
| *  | limitation of liability shall not apply to liability for death or $*$ |
| *  | personal injury resulting from such party's negligence to the *       |
| *  | extent applicable law prohibits such limitation. Some *               |
| *  | jurisdictions do not allow the exclusion or limitation of *           |
| *  | incidental or consequential damages, so this exclusion and *          |
| *  | limitation may not apply to You.                                      |
| *  | *                                                                     |
| *: | *************************                                             |
|    |                                                                       |

#### 8. Litigation

-----

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

### 9. Miscellaneous

------

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

#### 10. Versions of the License

-----

### 10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a

distinguishing version number.

10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at http://mozilla.org/MPL/2.0/.

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

You may add additional accurate notices of copyright ownership.

Exhibit B - "Incompatible With Secondary Licenses" Notice

-----

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0. ## Thai Dictionary

### Thai Dictionary License

Copyright (C) 1982 The Royal Institute, Thai Royal Government.

Copyright (C) 1998 National Electronics and Computer Technology Center, National Science and Technology Development Agency, Ministry of Science Technology and Environment, Thai Royal Government.

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

#### 

# This file contains a list of people who've made non-trivial# contribution to the Google C++ Testing Framework project. People# who commit code to the project are encouraged to add their names# here. Please keep the list sorted by first names.

Ajay Joshi <jaj@google.com> Balzs Dn <balazs.dan@gmail.com> Bharat Mediratta <br/>bharat@menalto.com> Chandler Carruth <chandlerc@google.com> Chris Prince <cprince@google.com> Chris Taylor <taylorc@google.com> Dan Egnor <egnor@google.com> Eric Roman <eroman@chromium.org> Hady Zalek <hady.zalek@gmail.com> Jeffrey Yasskin <jyasskin@google.com> Ji Sigursson <joi@google.com> Keir Mierle <mierle@gmail.com> Keith Ray <keith.ray@gmail.com> Kenton Varda <kenton@google.com> Manuel Klimek <klimek@google.com> Markus Heule <markus.heule@gmail.com> Mika Raento <mikie@iki.fi>

Mikls Fazekas <mfazekas@szemafor.com> Pasi Valminen <pasi.valminen@gmail.com> Patrick Hanna <phanna@google.com> Patrick Riley <pfr@google.com> Peter Kaminski <piotrk@google.com> Preston Jackson <preston.a.jackson@gmail.com> Rainer Klaffenboeck <rainer.klaffenboeck@dynatrace.com> Russ Cox <rsc@google.com> Russ Rufer <russ@pentad.com> Sean Mcafee <eefacm@gmail.com> Sigurur sgeirsson <siggi@google.com> Tracy Bialik <tracy@pentad.com> Vadim Berman <vadimb@google.com> Vlad Losev <vladl@google.com> Zhanyong Wan <wan@google.com> ADDITIONAL INFORMATION ABOUT LICENSING

Certain files distributed by Oracle America, Inc. and/or its affiliates are subject to the following clarification and special exception to the GPLv2, based on the GNU Project exception for its Classpath libraries, known as the GNU Classpath Exception.

Note that Oracle includes multiple, independent programs in this software package. Some of those programs are provided under licenses deemed incompatible with the GPLv2 by the Free Software Foundation and others. For example, the package includes programs licensed under the Apache License, Version 2.0 and may include FreeType. Such programs are licensed to you under their original licenses.

Oracle facilitates your further distribution of this package by adding the Classpath Exception to the necessary parts of its GPLv2 code, which permits you to use that code in combination with other independent modules not licensed under the GPLv2. However, note that this would not permit you to commingle code under an incompatible license with Oracle's GPLv2 licensed code by, for example, cutting and pasting such code into a file also containing Oracle's GPLv2 licensed code and then distributing the result.

Additionally, if you were to remove the Classpath Exception from any of the files to which it applies and distribute the result, you would likely be required to license some or all of the other code in that distribution under the GPLv2 as well, and since the GPLv2 is incompatible with the license terms of some items included in the distribution by Oracle, removing the Classpath Exception could therefore effectively compromise your ability to further distribute the package.

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

Proceed with caution and we recommend that you obtain the advice of a lawyer skilled in open source matters before removing the Classpath Exception or making modifications to this package which may subsequently be redistributed and/or involve the use of third party software. ## OASIS PKCS #11 Cryptographic Token Interface v3.0

### OASIS PKCS #11 Cryptographic Token Interface License

Copyright OASIS Open 2020. All Rights Reserved.

All capitalized terms in the following text have the meanings assigned to them in the OASIS Intellectual Property Rights Policy (the "OASIS IPR Policy"). The full Policy may be found at the OASIS website: [http://www.oasis-open.org/policies-guidelines/ipr]

This document and translations of it may be copied and furnished to others, and derivative works that comment on or otherwise explain it or assist in its implementation may be prepared, copied, published, and distributed, in whole or in part, without restriction of any kind, provided that the above copyright notice and this section are included on all such copies and derivative works. However, this document itself may not be modified in any way, including by removing the copyright notice or references to OASIS, except as needed for the purpose of developing any document or deliverable produced by an OASIS Technical Committee (in which case the rules applicable to copyrights, as set forth in the OASIS IPR Policy, must be followed) or as required to translate it into languages other than English.

The limited permissions granted above are perpetual and will not be revoked by OASIS or its successors or assigns.

This document and the information contained herein is provided on an "AS IS" basis and OASIS DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY THAT THE USE OF THE INFORMATION HEREIN WILL NOT INFRINGE ANY OWNERSHIP RIGHTS OR ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. OASIS AND ITS MEMBERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THIS DOCUMENT OR ANY PART THEREOF.

[OASIS requests that any OASIS Party or any other party that believes it has patent claims that would necessarily be infringed by implementations of this OASIS Standards Final Deliverable, to notify OASIS TC Administrator and provide an indication of its willingness to grant patent licenses to such patent claims in a manner consistent with the IPR Mode of the OASIS Technical Committee that produced this deliverable.] [OASIS invites any party to contact the OASIS TC Administrator if it is aware of a claim of ownership of any patent claims that would necessarily be infringed by implementations of this OASIS Standards Final Deliverable by a patent holder that is not willing to provide a license to such patent claims in a manner consistent with the IPR Mode of the OASIS Technical Committee that produced this OASIS Standards Final Deliverable. OASIS may include such claims on its website, but disclaims any obligation to do so.]

[OASIS takes no position regarding the validity or scope of any intellectual property or other rights that might be claimed to pertain to the implementation or use of the technology described in this OASIS Standards Final Deliverable or the extent to which any license under such rights might or might not be available; neither does it represent that it has made any effort to identify any such rights. Information on OASIS' procedures with respect to rights in any document or deliverable produced by an OASIS Technical Committee can be found on the OASIS website. Copies of claims of rights made available for publication and any assurances of licenses to be made available, or the result of an attempt made to obtain a general license or permission for the use of such proprietary rights by implementers or users of this OASIS Standards Final Deliverable, can be obtained from the OASIS TC Administrator. OASIS makes no representation that any information or list of intellectual property rights will at any time be complete, or that any claims in such list are, in fact, Essential Claims.]

## International Components for Unicode (ICU4J) v60.2

#### ### ICU4J License

•••

UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE Unicode Data Files include all data files under the directories http://www.unicode.org/Public/, http://www.unicode.org/reports/, http://www.unicode.org/cldr/data/, http://source.icu-project.org/repos/icu/, and http://www.unicode.org/utility/trac/browser/.

Unicode Data Files do not include PDF online code charts under the directory http://www.unicode.org/Public/.

Software includes any source code published in the Unicode Standard or under the directories http://www.unicode.org/Public/, http://www.unicode.org/reports/, http://www.unicode.org/cldr/data/, http://source.icu-project.org/repos/icu/, and http://www.unicode.org/utility/trac/browser/.

NOTICE TO USER: Carefully read the following legal agreement. BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"), YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR SOFTWARE.

#### COPYRIGHT AND PERMISSION NOTICE

Copyright 1991-2018 Unicode, Inc. All rights reserved. Distributed under the Terms of Use in http://www.unicode.org/copyright.html.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that either (a) this copyright and permission notice appear with all copies of the Data Files or Software, or (b) this copyright and permission notice appear in associated Documentation.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.

IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

•••

## Cryptix AES v3.2.0

### Cryptix General License

Cryptix General License

Copyright (c) 1995-2005 The Cryptix Foundation Limited. All rights reserved.

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

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

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

 ## Mesa 3-D Graphics Library v19.2.1

### Mesa License

•••

Copyright (C) 1999-2007 Brian Paul All Rights Reserved.

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Attention, Contributors

When contributing to the Mesa project you must agree to the licensing terms of the component to which you're contributing. The following section lists the primary components of the Mesa distribution and their respective licenses. Mesa Component Licenses

| Componen   | t Location                         | License                       |      |  |
|------------|------------------------------------|-------------------------------|------|--|
|            | a code src/mesa<br>vers src/mesa/d | / MIT<br>rivers/* MIT, genera | ally |  |
| Gallium co | de src/galliun                     | n/ MIT                        |      |  |
| Ext header | s GL/glext.h<br>GL/glxext.h        |                               |      |  |
|            | GL/wglext.h                        |                               |      |  |
|            | KHR/khrplatforn                    | I.II KIITOIIOS                |      |  |

\*\*\*\*\*\*\*\*\*\*\*

----

include/GL/gl.h :

Mesa 3-D graphics library

Copyright (C) 1999-2006 Brian Paul All Rights Reserved. Copyright (C) 2009 VMware, Inc. All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense,

and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*

----

include/GL/glext.h include/GL/glxext.h include/GL/wglxext.h :

Copyright (c) 2013 - 2018 The Khronos Group Inc.

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Materials.

THE MATERIALS ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE MATERIALS OR THE USE OR OTHER DEALINGS IN THE MATERIALS.

include/KHR/khrplatform.h :

Copyright (c) 2008 - 2018 The Khronos Group Inc.

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Materials.

THE MATERIALS ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE MATERIALS OR THE USE OR OTHER DEALINGS IN THE MATERIALS.

•••

## JLine v3.14.0

### JLine License

Copyright (c) 2002-2018, the original author or authors. All rights reserved.

https://opensource.org/licenses/BSD-3-Clause

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

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

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

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

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

 ## Apache Santuario v2.1.4

### Apache Santuario Notice

Apache Santuario - XML Security for Java Copyright 1999-2019 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (http://www.apache.org/).

It was originally based on software copyright (c) 2001, Institute for Data Communications Systems, <a href="http://www.nue.et-inf.uni-siegen.de/">http://www.nue.et-inf.uni-siegen.de/</a>>.

The development of this software was partly funded by the European Commission in the <WebSig> project in the ISIS Programme.

### Apache 2.0 License

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

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,

and distribution as defined by Sections 1 through 9 of this document.

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

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

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

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

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

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

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

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

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

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

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

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

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,

whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

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

#### END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.  ## JRuby Joni v2.1.16

### MIT License

Copyright (c) 2017 JRuby Team

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

All images in this directory are copyright 1995 by Jeff Dinkins. ## GIFLIB v5.2.1

### GIFLIB License

The GIFLIB distribution is Copyright (c) 1997 Eric S. Raymond

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

https://sourceforge.net/p/giflib/code/ci/master/tree/openbsd-reallocarray.c

Copyright (c) 2008 Otto Moerbeek <otto@drijf.net> SPDX-License-Identifier: MIT ## libpng v1.6.37

### libpng License

COPYRIGHT NOTICE, DISCLAIMER, and LICENSE

\_\_\_\_\_

PNG Reference Library License version 2

-----

- \* Copyright (c) 1995-2019 The PNG Reference Library Authors.
- \* Copyright (c) 2018-2019 Cosmin Truta.
- \* Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson.
- \* Copyright (c) 1996-1997 Andreas Dilger.
- \* Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

The software is supplied "as is", without warranty of any kind, express or implied, including, without limitation, the warranties of merchantability, fitness for a particular purpose, title, and non-infringement. In no event shall the Copyright owners, or anyone distributing the software, be liable for any damages or other liability, whether in contract, tort or otherwise, arising from, out of, or in connection with the software, or the use or other dealings in the software, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this software, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated, but is not required.

- 2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
- 3. This Copyright notice may not be removed or altered from any source or altered source distribution.

PNG Reference Library License version 1 (for libpng 0.5 through 1.6.35)

libpng versions 1.0.7, July 1, 2000, through 1.6.35, July 15, 2018 are Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson, are derived from libpng-1.0.6, and are distributed according to the same disclaimer and license as libpng-1.0.6 with the following individuals added to the list of Contributing Authors:

Simon-Pierre Cadieux Eric S. Raymond Mans Rullgard Cosmin Truta Gilles Vollant James Yu Mandar Sahastrabuddhe Google Inc. Vadim Barkov

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes or needs. This library is provided with all faults, and the entire risk of satisfactory quality, performance, accuracy, and effort is with the user.

Some files in the "contrib" directory and some configure-generated files that are distributed with libpng have other copyright owners, and are released under other open source licenses.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are Copyright (c) 1998-2000 Glenn Randers-Pehrson, are derived from libpng-0.96, and are distributed according to the same disclaimer and license as libpng-0.96, with the following individuals added to the list of Contributing Authors:

Tom Lane Glenn Randers-Pehrson Willem van Schaik libpng versions 0.89, June 1996, through 0.96, May 1997, are Copyright (c) 1996-1997 Andreas Dilger, are derived from libpng-0.88, and are distributed according to the same disclaimer and license as libpng-0.88, with the following individuals added to the list of Contributing Authors:

John Bowler Kevin Bracey Sam Bushell Magnus Holmgren Greg Roelofs Tom Tanner

Some files in the "scripts" directory have other copyright owners, but are released under this license.

libpng versions 0.5, May 1995, through 0.88, January 1996, are Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors" is defined as the following set of individuals:

Andreas Dilger Dave Martindale Guy Eric Schalnat Paul Schmidt Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing Authors and Group 42, Inc. disclaim all warranties, expressed or implied, including, without limitation, the warranties of merchantability and of fitness for any purpose. The Contributing Authors and Group 42, Inc. assume no liability for direct, indirect, incidental, special, exemplary, or consequential damages, which may result from the use of the PNG Reference Library, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this source code, or portions hereof, for any purpose, without fee, subject to the following restrictions:

- 1. The origin of this source code must not be misrepresented.
- 2. Altered versions must be plainly marked as such and must not be misrepresented as being the original source.
- 3. This Copyright notice may not be removed or altered from any

source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit, without fee, and encourage the use of this source code as a component to supporting the PNG file format in commercial products. If you use this source code in a product, acknowledgment is not required but would be appreciated.

#### 

NSS is available under the Mozilla Public License, version 2, a copy of which is below.

#### Note on GPL Compatibility

-----

The MPL 2, section 3.3, permits you to combine NSS with code under the GNU General Public License (GPL) version 2, or any later version of that license, to make a Larger Work, and distribute the result under the GPL. The only condition is that you must also make NSS, and any changes you have made to it, available to recipients under the terms of the MPL 2 also.

Anyone who receives the combined code from you does not have to continue to dual licence in this way, and may, if they wish, distribute under the terms of either of the two licences - either the MPL alone or the GPL alone. However, we discourage people from distributing copies of NSS under the GPL alone, because it means that any improvements they make cannot be reincorporated into the main version of NSS. There is never a need to do this for license compatibility reasons.

Note on LGPL Compatibility

-----

The above also applies to combining MPLed code in a single library with code under the GNU Lesser General Public License (LGPL) version 2.1, or any later version of that license. If the LGPLed code and the MPLed code are not in the same library, then the copyleft coverage of the two licences does not overlap, so no issues arise.

Mozilla Public License Version 2.0

\_\_\_\_\_

1. Definitions

1.1. "Contributor"

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

#### 1.2. "Contributor Version"

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution"

means Covered Software of a particular Contributor.

#### 1.4. "Covered Software"

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

- 1.5. "Incompatible With Secondary Licenses" means
  - (a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or
- (b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.
- 1.6. "Executable Form" means any form of the work other than Source Code Form.
- 1.7. "Larger Work"

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

- 1.8. "License" means this document.
- 1.9. "Licensable"

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

- 1.10. "Modifications" means any of the following:
  - (a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or
  - (b) any new file in Source Code Form that contains any Covered Software.

#### 1.11. "Patent Claims" of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

#### 1.12. "Secondary License"

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

#### 1.13. "Source Code Form"

means the form of the work preferred for making modifications.

#### 1.14. "You" (or "Your")

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

#### 2. License Grants and Conditions

-----

#### 2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

- (a) under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and
- (b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

#### 2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

(a) for any code that a Contributor has removed from Covered Software; or

- (b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or
- (c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

#### 2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

#### 2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

#### 2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

#### 3. Responsibilities

\_\_\_\_\_

#### 3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

- (a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and
- (b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

#### 3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

#### 3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

#### 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

4. Inability to Comply Due to Statute or Regulation

-----

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

#### 5. Termination

\_\_\_\_\_

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent

infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

| <pre>* * * * 6.Disclaimer of Warranty * ** * 6.Disclaimer of Warranty * ** * 6.Oisclaimer of Warranty * ** * Covered Software is provided under this License on an "as is" * * basis, without warranty of any kind, either expressed, implied, or * * basis, without warranty of any kind, either expressed, implied, or * * tatutory, including, without limitation, warranties that the * * Covered Software is free of defects, merchantable, fit for a * * particular purpose or non-infringing. The entire risk as to the * * quality and performance of the Covered Software is with You. * * Should any Covered Software prove defective in any respect, You * * tota any Contributor) assume the cost of any necessary servicing, * * repair, or correction. This disclaimer of warranty constitutes an * * essential part of this License. No use of any Covered Software is * * authorized under this License except under this disclaimer. * * * * * * * * * * * * * * * * * * *</pre>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| * * * * * * * * * * * * * * * * * * *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |
| * * * * * * * * * * * * * * * * * * * *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |  |
| <ul> <li>Covered Software is provided under this License on an "as is" *</li> <li>basis, without warranty of any kind, either expressed, implied, or *</li> <li>statutory, including, without limitation, warranties that the *</li> <li>Covered Software is free of defects, merchantable, fit for a *</li> <li>particular purpose or non-infringing. The entire risk as to the *</li> <li>quality and performance of the Covered Software is with You. *</li> <li>Should any Covered Software prove defective in any respect, You *</li> <li>(not any Contributor) assume the cost of any necessary servicing, *</li> <li>repair, or correction. This disclaimer of warranty constitutes an *</li> <li>essential part of this License. No use of any Covered Software is *</li> <li>authorized under this License except under this disclaimer. *</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| <ul> <li>* basis, without warranty of any kind, either expressed, implied, or *</li> <li>* statutory, including, without limitation, warranties that the *</li> <li>* Covered Software is free of defects, merchantable, fit for a *</li> <li>* particular purpose or non-infringing. The entire risk as to the *</li> <li>* quality and performance of the Covered Software is with You. *</li> <li>* Should any Covered Software prove defective in any respect, You *</li> <li>* (not any Contributor) assume the cost of any necessary servicing, *</li> <li>* repair, or correction. This disclaimer of warranty constitutes an *</li> <li>* essential part of this License. No use of any Covered Software is *</li> <li>* authorized under this License except under this disclaimer. *</li> <li>*</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |
| * statutory, including, without limitation, warranties that the * * Covered Software is free of defects, merchantable, fit for a * * particular purpose or non-infringing. The entire risk as to the * * quality and performance of the Covered Software is with You. * * Should any Covered Software prove defective in any respect, You * * (not any Contributor) assume the cost of any necessary servicing, * * repair, or correction. This disclaimer of warranty constitutes an * * essential part of this License. No use of any Covered Software is * * authorized under this License except under this disclaimer. * * *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |
| <ul> <li>Covered Software is free of defects, merchantable, fit for a *</li> <li>particular purpose or non-infringing. The entire risk as to the *</li> <li>quality and performance of the Covered Software is with You. *</li> <li>Should any Covered Software prove defective in any respect, You *</li> <li>(not any Contributor) assume the cost of any necessary servicing, *</li> <li>repair, or correction. This disclaimer of warranty constitutes an *</li> <li>essential part of this License. No use of any Covered Software is *</li> <li>authorized under this License except under this disclaimer. *</li> <li>*</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |
| <ul> <li>* particular purpose or non-infringing. The entire risk as to the</li> <li>* quality and performance of the Covered Software is with You.</li> <li>* Should any Covered Software prove defective in any respect, You</li> <li>* (not any Contributor) assume the cost of any necessary servicing,</li> <li>* repair, or correction. This disclaimer of warranty constitutes an</li> <li>* essential part of this License. No use of any Covered Software is</li> <li>* authorized under this License except under this disclaimer.</li> <li>*</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |
| <ul> <li>quality and performance of the Covered Software is with You.</li> <li>Should any Covered Software prove defective in any respect, You</li> <li>(not any Contributor) assume the cost of any necessary servicing,</li> <li>repair, or correction. This disclaimer of warranty constitutes an</li> <li>essential part of this License. No use of any Covered Software is</li> <li>authorized under this License except under this disclaimer.</li> <li>*</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |
| <ul> <li>* Should any Covered Software prove defective in any respect, You *</li> <li>* (not any Contributor) assume the cost of any necessary servicing, *</li> <li>* repair, or correction. This disclaimer of warranty constitutes an *</li> <li>* essential part of this License. No use of any Covered Software is *</li> <li>* authorized under this License except under this disclaimer. *</li> <li>* *</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |
| <ul> <li>* (not any Contributor) assume the cost of any necessary servicing, *</li> <li>* repair, or correction. This disclaimer of warranty constitutes an *</li> <li>* essential part of this License. No use of any Covered Software is *</li> <li>* authorized under this License except under this disclaimer. *</li> <li>* *</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |  |  |  |
| <ul> <li>repair, or correction. This disclaimer of warranty constitutes an *</li> <li>essential part of this License. No use of any Covered Software is *</li> <li>authorized under this License except under this disclaimer. *</li> <li>*</li> &lt;</ul> |  |  |  |  |  |
| <pre>* essential part of this License. No use of any Covered Software is * * authorized under this License except under this disclaimer. * * *********************************</pre>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |
| * authorized under this License except under this disclaimer. * * * *******************************                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| * * **********************************                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |
| ***************************************                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |  |
| ******                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |
| * 7. Limitation of Liability *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| * *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| * *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| * Under no circumstances and under no legal theory, whether tort *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |
| * (including negligence), contract, or otherwise, shall any                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |
| * Contributor, or anyone who distributes Covered Software as                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |
| * permitted above, be liable to You for any direct, indirect, *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |
| * special, incidental, or consequential damages of any character *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |
| * including, without limitation, damages for lost profits, loss of *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |
| <ul> <li>* including, without limitation, damages for lost profits, loss of *</li> <li>* goodwill, work stoppage, computer failure or malfunction, or any *</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |
| <ul> <li>* including, without limitation, damages for lost profits, loss of *</li> <li>* goodwill, work stoppage, computer failure or malfunction, or any *</li> <li>* and all other commercial damages or losses, even if such party *</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |
| <ul> <li>* including, without limitation, damages for lost profits, loss of *</li> <li>* goodwill, work stoppage, computer failure or malfunction, or any *</li> <li>* and all other commercial damages or losses, even if such party *</li> <li>* shall have been informed of the possibility of such damages. This *</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |  |
| <ul> <li>* including, without limitation, damages for lost profits, loss of *</li> <li>* goodwill, work stoppage, computer failure or malfunction, or any *</li> <li>* and all other commercial damages or losses, even if such party *</li> <li>* shall have been informed of the possibility of such damages. This *</li> <li>* limitation of liability shall not apply to liability for death or *</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |
| <ul> <li>* including, without limitation, damages for lost profits, loss of *</li> <li>* goodwill, work stoppage, computer failure or malfunction, or any *</li> <li>* and all other commercial damages or losses, even if such party *</li> <li>* shall have been informed of the possibility of such damages. This *</li> <li>* limitation of liability shall not apply to liability for death or *</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |

\* incidental or consequential damages, so this exclusion and

\* limitation may not apply to You.

\*

\*

#### 8. Litigation

-----

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

9. Miscellaneous

-----

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

10. Versions of the License

10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

#### 10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

#### 10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at http://mozilla.org/MPL/2.0/.

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

You may add additional accurate notices of copyright ownership.

Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0. ## Unicode Common Local Data Repository (CLDR) v33

#### ### CLDR License

•••

UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE Unicode Data Files include all data files under the directories http://www.unicode.org/Public/, http://www.unicode.org/reports/, http://www.unicode.org/cldr/data/, http://source.icu-project.org/repos/icu/, and http://www.unicode.org/utility/trac/browser/.

Unicode Data Files do not include PDF online code charts under the directory http://www.unicode.org/Public/.

Software includes any source code published in the Unicode Standard or under the directories http://www.unicode.org/Public/, http://www.unicode.org/reports/, http://www.unicode.org/cldr/data/, http://source.icu-project.org/repos/icu/, and http://www.unicode.org/utility/trac/browser/.

NOTICE TO USER: Carefully read the following legal agreement. BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"), YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR SOFTWARE.

#### COPYRIGHT AND PERMISSION NOTICE

Copyright 1991-2018 Unicode, Inc. All rights reserved. Distributed under the Terms of Use in http://www.unicode.org/copyright.html.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that either (a) this copyright and permission notice appear with all copies of the Data Files or Software, or (b) this copyright and permission notice appear in associated Documentation.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.

IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

•••

## jQuery UI v1.12.1

### jQuery UI License

Copyright jQuery Foundation and other contributors, https://jquery.org/

This software consists of voluntary contributions made by many individuals. For exact contribution history, see the revision history available at https://github.com/jquery/jquery-ui

The following license applies to all parts of this software except as documented below:

\_\_\_\_

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\_\_\_\_

Copyright and related rights for sample code are waived via CC0. Sample code is defined as all source code contained within the demos directory.

CC0: http://creativecommons.org/publicdomain/zero/1.0/

\_\_\_\_

All files located in the node\_modules and external directories are externally maintained libraries used by this software which have their own licenses; we recommend you read them, as their terms may differ from the terms above.

•••

#### Copyright (c) % YEARS% Oracle and/or its affiliates. All rights reserved. DO NOT ALTER OR REMOVE COPYRIGHT NOTICES OR THIS FILE HEADER.

This code is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License version 2 only, as published by the Free Software Foundation.

This code is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License version 2 for more details (a copy is included in the LICENSE file that accompanied this code).

You should have received a copy of the GNU General Public License version 2 along with this work; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA.

Please contact Oracle, 500 Oracle Parkway, Redwood Shores, CA 94065 USA or visit www.oracle.com if you need additional information or have any questions. ## jQuery v3.5.1

### jQuery License

jQuery v 3.5.1 Copyright 2005, 2018 jQuery Foundation, Inc. and other contributors http://jquery.com/

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*

The jQuery JavaScript Library v3.5.1 also includes Sizzle.js

Sizzle.js includes the following license:

Copyright JS Foundation and other contributors, https://js.foundation/

This software consists of voluntary contributions made by many individuals. For exact contribution history, see the revision history available at https://github.com/jquery/sizzle

The following license applies to all parts of this software except as documented below:

====

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\_\_\_\_

All files located in the node\_modules and external directories are externally maintained libraries used by this software which have their own licenses; we recommend you read them, as their terms may differ from the terms above.

\*\*\*\*\*

•••

Copyright 2005 Sun Microsystems, Inc. All rights reserved. Use is subject to license terms. \*\*\*\*\* BEGIN LICENSE BLOCK \*\*\*\*\* Version: MPL 1.1/GPL 2.0/LGPL 2.1

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

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

The Original Code is the Netscape Portable Runtime (NSPR).

The Initial Developer of the Original Code is Netscape Communications Corporation. Portions created by the Initial Developer are Copyright (C) 1998-2000 the Initial Developer. All Rights Reserved.

Contributor(s):

Alternatively, the contents of this file may be used under the terms of either the GNU General Public License Version 2 or later (the "GPL"), or the GNU Lesser General Public License Version 2.1 or later (the "LGPL"), in which case the provisions of the GPL or the LGPL are applicable instead of those above. If you wish to allow use of your version of this file only under the terms of either the GPL or the LGPL, and not to allow others to use your version of this file under the terms of the MPL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the GPL or the LGPL. If you do not delete the provisions above, a recipient may use your version of this file under the terms of any one of the MPL, the GPL or the LGPL.

\*\*\*\*\* END LICENSE BLOCK \*\*\*\*\*

# 1.13 objenesis 2.6

## **1.13.1 Available under license :**

// NOTICE file corresponding to the section 4d of The Apache License,
// Version 2.0, in this case for Objenesis
// ------

// -----

Objenesis

Copyright 2006-2017 Joe Walnes, Henri Tremblay, Leonardo Mesquita

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

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

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

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

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

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

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

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

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

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof. "Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

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

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

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

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

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or

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

- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

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

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

#### Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License. You may obtain a copy of the License at

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

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

## 1.14 cglib 2.2.2

### 1.14.1 Available under license :

| == NOTICE file corresponding to the section 4 d of | == |
|----------------------------------------------------|----|
| == the Apache License, Version 2.0,                | == |
| == in this case for the Apache Ant distribution.   | == |
|                                                    |    |

This product includes software developed by The Apache Software Foundation (http://www.apache.org/).

This product includes also software developed by :

- the W3C consortium (http://www.w3c.org),

- the SAX project (http://www.saxproject.org)

Please read the different LICENSE files present in the root directory of this distribution. <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0//EN"> <HTML> <HEAD> <TITLE>Common Public License - v 1.0</TITLE> <meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1"> </HEAD>

<BODY BGCOLOR="#FFFFFF" VLINK="#800000">

```
<P ALIGN="CENTER"><B>Common Public License - v 1.0</B><B></B></P><B></B></FONT SIZE="3"></FONT></P></FONT SIZE="3"></FONT></FONT></P></FONT SIZE="3"></FONT></FONT></FONT SIZE="2">THE ACCOMPANYING PROGRAM IS PROVIDEDUNDER THE TERMS OF THIS COMMON PUBLIC LICENSE ("AGREEMENT"). ANY USE,REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCEOF THIS AGREEMENT.<FONT SIZE="2"></FONT><PONT SIZE="2"></FONT>
```

<P><FONT SIZE="2">"Contribution" means:</FONT>

<UL><FONT SIZE="2">a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and<BR CLEAR="LEFT"> b) in the case of each subsequent Contributor:</FONT></UL>

<UL><FONT SIZE="2">i) changes to the Program, and</FONT></UL>

<UL><FONT SIZE="2">ii) additions to the Program;</FONT></UL>

<UL><FONT SIZE="2">where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. </FONT><FONT SIZE="2">A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. </FONT><FONT SIZE="2">Contributions do not include additions to the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program. </FONT></UL>

<P><FONT SIZE="2"></FONT>

<P><FONT SIZE="2">"Contributor" means any person or entity that distributes the Program.</FONT>

<P><FONT SIZE="2"></FONT><FONT SIZE="2"></FONT>

<P><FONT SIZE="2">"Licensed Patents " mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program. </FONT>

<P><FONT SIZE="2"></FONT><FONT SIZE="2"></FONT>

<P><FONT SIZE="2"></FONT><FONT SIZE="2">"Program" means the Contributions distributed in accordance with this Agreement.</FONT>

<P><FONT SIZE="2"></FONT>

<P><FONT SIZE="2">"Recipient" means anyone who receives the Program under this Agreement, including all Contributors.</FONT>

<P><FONT SIZE="2"><B></B></FONT>

<P><FONT SIZE="2"><B>2. GRANT OF RIGHTS</B></FONT>

<UL><FONT SIZE="2"></FONT><FONT SIZE="2">a) </FONT><FONT SIZE="2">Subject to the terms of this
Agreement, each Contributor hereby grants</FONT><FONT SIZE="2"> Recipient a non-exclusive, worldwide,
royalty-free copyright license to</FONT><FONT SIZE="2" COLOR="#FF0000"> </FONT><FONT
SIZE="2">roproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the
Contribution of such Contributor, if any, and such derivative works, in source code and object code
form.</FONT></UL>

<UL><FONT SIZE="2"></FONT></UL>

<UL><FONT SIZE="2"></FONT><FONT SIZE="2">b) Subject to the terms of this Agreement, each Contributor hereby grants </FONT><FONT SIZE="2">Recipient a non-exclusive, worldwide,</FONT><FONT SIZE="2"</FONT><FONT SIZE="2">COLOR="#008000"> </FONT><FONT SIZE="2">royalty-free patent license under Licensed Patents to make, use,

sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder. *</*/FONT>*<*/UL>

# <UL><FONT SIZE="2"></FONT></UL>

<UL><FONT SIZE="2">c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

<UL><FONT SIZE="2"></FONT></UL>

<UL><FONT SIZE="2">d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement. </FONT></UL>

<UL><FONT SIZE="2"></FONT></UL>

#### <P><FONT SIZE="2"><B>3. REQUIREMENTS</B></FONT>

<P><FONT SIZE="2"><B></B>A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:</FONT>

<UL><FONT SIZE="2">a) it complies with the terms and conditions of this Agreement; and</FONT></UL>

<UL><FONT SIZE="2">b) its license agreement:</FONT></UL>

<UL><FONT SIZE="2">i) effectively disclaims</FONT><FONT SIZE="2"> on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose; </FONT></UL>

<UL><FONT SIZE="2">ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits; </FONT></UL>

<UL><FONT SIZE="2">iii)</FONT><FONT SIZE="2"> states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and</FONT></UL>

<UL><FONT SIZE="2">iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.</FONT><FONT SIZE="2" COLOR="#0000FF"> </FONT><FONT SIZE="2" COLOR="#0000FF"> </FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></

<UL><FONT SIZE="2" COLOR="#FF0000"></FONT><FONT SIZE="2"></FONT></UL>

<P><FONT SIZE="2">When the Program is made available in source code form:</FONT>

<UL><FONT SIZE="2">a) it must be made available under this Agreement; and </FONT></UL>

<UL><FONT SIZE="2">b) a copy of this Agreement must be included with each copy of the Program. </FONT></UL>

<P><FONT SIZE="2"></FONT><FONT SIZE="2" COLOR="#0000FF"><STRIKE></FONT> <P><FONT SIZE="2" COLOR="#0000FF"><STRIKE></FONT><FONT SIZE="2">Contributors may not remove or alter any copyright notices contained within the Program. </FONT> <P><FONT SIZE="2"></FONT>

<P><FONT SIZE="2">Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution. </FONT> <P><FONT SIZE="2"></FONT>

<P><FONT SIZE="2"><B>4. COMMERCIAL DISTRIBUTION</B></FONT>

<P><FONT SIZE="2">Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

<P><FONT SIZE="2">For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.</FONT>

<P><FONT SIZE="2"></FONT><FONT SIZE="2" COLOR="#0000FF"></FONT> <P><FONT SIZE="2" COLOR="#0000FF"></FONT><FONT SIZE="2"><B>5. NO WARRANTY</B></FONT>

<P><FONT SIZE="2">EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is</FONT><FONT SIZE="2"> solely responsible for determining the appropriateness of using and distributing </FONT><FONT SIZE="2"> the Program</FONT><FONT SIZE="2"> and assumes all risks associated with its exercise of rights under this Agreement</FONT><FONT SIZE="2">, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, </FONT><FONT SIZE="2">programs or equipment, and unavailability or interruption of operations</FONT><FONT SIZE="2">.</FONT><FONT SIZE="2"></FONT><FONT SIZE="2"><</FONT><FONT SIZE="2"></FONT><FONT SIZE="2"></FONT></FONT SIZE="2"></FONT></FONT</FONT SIZE="2"></FONT></FONT</FONT SIZE="2"></FONT></FONT</FONT</FONT</FONT</FONT</FONT</FONT</FONT</FONT</FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></FONT></F

<P><FONT SIZE="2"></FONT>

<P><FONT SIZE="2"></FONT><FONT SIZE="2"><B>6. DISCLAIMER OF LIABILITY</B></FONT><P><FONT SIZE="2"></FONT><FONT SIZE="2"></FONT><FONT SIZE="2"></FONT></FONT</p><P><FONT SIZE="2"></FONT><FONT SIZE="2"></FONT></FONT SIZE="2"></FONT><P><TONT SIZE="2"></FONT</p><FONT SIZE="2">

<P><FONT SIZE="2"><B>7. GENERAL</B></FONT>

<P><FONT SIZE="2"></FONT><FONT SIZE="2">If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.</FONT>

<P><FONT SIZE="2"></FONT>

<P><FONT SIZE="2">If Recipient institutes patent litigation against a Contributor with respect to a patent applicable to software (including a cross-claim or counterclaim in a lawsuit), then any patent licenses granted by that Contributor to such Recipient under this Agreement shall terminate as of the date such litigation is filed. In addition, if Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed. </FONT><FONT SIZE="2"></FONT>

<P><FONT SIZE="2"></FONT>

<P><FONT SIZE="2">All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive. </FONT><FONT SIZE="2"></FONT>

<P><FONT SIZE="2"></FONT>

<P><FONT SIZE="2"></FONT><FONT SIZE="2">Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the

following manner. The Agreement Steward reserves the right to </FONT><FONT SIZE="2">publish new versions (including revisions) of this Agreement from time to </FONT><FONT SIZE="2">time. No one other than the Agreement Steward has the right to modify this Agreement. IBM is the initial Agreement Steward. IBM may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. </FONT><FONT SIZE="2">Each new version of the Agreement Will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new </FONT><FONT SIZE="2">Version. </FONT><FONT SIZE="2">Each new version of the Agreement is published, Contributor may elect to distribute the Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new </FONT><FONT SIZE="2">Version. </FONT><FONT SIZE="2">Version. </FONT><FONT SIZE="2">Version. </FONT><FONT SIZE="2">Version SIZE="2">Version. </FONT><FONT SIZE="2">Version SizE="2"

<P><FONT SIZE="2"></FONT>

<P><FONT SIZE="2">This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.</FONT>

<P><FONT SIZE="2"></FONT><FONT SIZE="2"></FONT> <P><FONT SIZE="2"></FONT>

</BODY>

</HTML>

'Q RS &T &U &V RW &X &Y 'Z Γ R]^ R `\ Ra Rb `cdedfg Qhi j kldm no Qp qrs tu vxy

classNameLjava/lang/String;nameactionStringactionsLjava/util/Set;<init>()VCodeLineNumberTableLocalVariable Tablethis

PermissionInnerClasses3Lorg/apache/tools/ant/types/Permissions\$Permission;setClass(Ljava/lang/String;)VaClassg etClassName()Ljava/lang/String;setNameaNamegetName

setActions

getActionsmatches(Ljava/security/Permission;)ZpermLjava/security/Permission;assizeIparseActions#(Ljava/lang/St ring;)Ljava/util/Set;resulttkLjava/util/StringTokenizer;itemtoString

 $SourceFilePermissions.java./z\{;()^*)+)|\}HI,-$ 

 $\label{eq:stringBufferPermission: ("", stringBufferPermission: ("", stri$ 

"")N;lorg/apache/tools/ant/types/Permissions\$Permissionjava/lang/Objectjava/lang/Stringtrimlength()IgetClass()Lja va/lang/Class;java/lang/Classequals(Ljava/lang/Object;)ZendsWith(Ljava/lang/String;)Zjava/security/Permission substring(II)Ljava/lang/String;

startsWith

java/util/Set removeAll(Ljava/util/Collection;)Z'(Ljava/lang/String;Ljava/lang/String;)V nextTokenadd hasMoreTokens()Zappend,(Ljava/lang/String;)Ljava/lang/StringBuffer;,(Ljava/lang/Object;)Ljava/lang/StringBuffer ;&org/apache/tools/ant/types/Permissions!&'()\*)+),-

```
./0/*1236780A *+1

2 36 9):;0/*1236<80A *+1

2 36 =)>;0/*1236?80V*++**+1236,)@;0/*1236AB0*+

*<*

+**d*+***+M,>,*W,1>&ACQ S%Z&c'j(u)+/2*36CDcE-jFGHI0;YMY+N-:,W-,1"789:;)<299?24;36;,)3J-

(KLM)N;0^4Y * ! * " *#$ %1F2436OP5

&w4

ASM: a very small and fast Java bytecode manipulation framework

Copyright (c) 2000,2002,2003 INRIA, France Telecom

All rights reserved.
```

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

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- 3. Neither the name of the copyright holders nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

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

/\* \*

Apache License

Version 2.0, January 2004 \* http://www.apache.org/licenses/ \* TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION \* 1. Definitions. \* "License" shall mean the terms and conditions for use, reproduction, \* and distribution as defined by Sections 1 through 9 of this document. \* \* "Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License. \* \* "Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common \* control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the \* direction or management of such entity, whether by contract or \* otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity. \* "You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License. \* \* "Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation \* source, and configuration files. \* \* "Object" form shall mean any form resulting from mechanical \* transformation or translation of a Source form, including but \* not limited to compiled object code, generated documentation, and conversions to other media types. \* "Work" shall mean the work of authorship, whether in Source or \* Object form, made available under the License, as indicated by a \* copyright notice that is included in or attached to the work \* (an example is provided in the Appendix below). \* "Derivative Works" shall mean any work, whether in Source or Object \* form, that is based on (or derived from) the Work and for which the \* editorial revisions, annotations, elaborations, or other modifications \* represent, as a whole, an original work of authorship. For the purposes \* of this License, Derivative Works shall not include works that remain \* separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof. \* \* "Contribution" shall mean any work of authorship, including

- \* to that Work or Derivative Works thereof, that is intentionally
- \* submitted to Licensor for inclusion in the Work by the copyright owner
- \* or by an individual or Legal Entity authorized to submit on behalf of
- \* the copyright owner. For the purposes of this definition, "submitted"
- \* means any form of electronic, verbal, or written communication sent
- \* to the Licensor or its representatives, including but not limited to
- \* communication on electronic mailing lists, source code control systems,
- \* and issue tracking systems that are managed by, or on behalf of, the
- \* Licensor for the purpose of discussing and improving the Work, but
- \* excluding communication that is conspicuously marked or otherwise
- \* designated in writing by the copyright owner as "Not a Contribution."
- \* "Contributor" shall mean Licensor and any individual or Legal Entity
- \* on behalf of whom a Contribution has been received by Licensor and
- \* subsequently incorporated within the Work.
- \*
- \* 2. Grant of Copyright License. Subject to the terms and conditions of
- \* this License, each Contributor hereby grants to You a perpetual,
- \* worldwide, non-exclusive, no-charge, royalty-free, irrevocable
- \* copyright license to reproduce, prepare Derivative Works of,
- \* publicly display, publicly perform, sublicense, and distribute the
- \* Work and such Derivative Works in Source or Object form.
- \*
- 3. Grant of Patent License. Subject to the terms and conditions of
- \* this License, each Contributor hereby grants to You a perpetual,
- \* worldwide, non-exclusive, no-charge, royalty-free, irrevocable
- \* (except as stated in this section) patent license to make, have made,
- \* use, offer to sell, sell, import, and otherwise transfer the Work,
- \* where such license applies only to those patent claims licensable
- \* by such Contributor that are necessarily infringed by their
- \* Contribution(s) alone or by combination of their Contribution(s)
- \* with the Work to which such Contribution(s) was submitted. If You
- \* institute patent litigation against any entity (including a
- \* cross-claim or counterclaim in a lawsuit) alleging that the Work
- \* or a Contribution incorporated within the Work constitutes direct
- \* or contributory patent infringement, then any patent licenses
- \* granted to You under this License for that Work shall terminate
- \* as of the date such litigation is filed.
- \*

\* 4. Redistribution. You may reproduce and distribute copies of the

- \* Work or Derivative Works thereof in any medium, with or without
- \* modifications, and in Source or Object form, provided that You
- \* meet the following conditions:
- \*
- \* (a) You must give any other recipients of the Work or
- <sup>k</sup> Derivative Works a copy of this License; and
- \*

\* (b) You must cause any modified files to carry prominent notices

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

(d) If the Work includes a "NOTICE" text file as part of its

- \* distribution, then any Derivative Works that You distribute must \* include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one \* of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, \* within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and \* do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided \* that such additional attribution notices cannot be construed
- as modifying the License.
- \*
- \* You may add Your own copyright statement to Your modifications and
- may provide additional or different license terms and conditions
- \* for use, reproduction, or distribution of Your modifications, or
- \* for any such Derivative Works as a whole, provided Your use,
- \* reproduction, and distribution of the Work otherwise complies with
- \* the conditions stated in this License.
- \*

\* 5. Submission of Contributions. Unless You explicitly state otherwise,

- \* any Contribution intentionally submitted for inclusion in the Work
- \* by You to the Licensor shall be under the terms and conditions of
- \* this License, without any additional terms or conditions.
- \* Notwithstanding the above, nothing herein shall supersede or modify
- \* the terms of any separate license agreement you may have executed
- \* with Licensor regarding such Contributions.
- \*
- \* 6. Trademarks. This License does not grant permission to use the trade
- \* names, trademarks, service marks, or product names of the Licensor,
- \* except as required for reasonable and customary use in describing the
- \* origin of the Work and reproducing the content of the NOTICE file.
- \*
- \* 7. Disclaimer of Warranty. Unless required by applicable law or
- \* agreed to in writing, Licensor provides the Work (and each
- \* Contributor provides its Contributions) on an "AS IS" BASIS,

- \* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
- \* implied, including, without limitation, any warranties or conditions
- \* of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
- \* PARTICULAR PURPOSE. You are solely responsible for determining the
- \* appropriateness of using or redistributing the Work and assume any
- \* risks associated with Your exercise of permissions under this License.
- \*
- \* 8. Limitation of Liability. In no event and under no legal theory,
- \* whether in tort (including negligence), contract, or otherwise,
- \* unless required by applicable law (such as deliberate and grossly
- \* negligent acts) or agreed to in writing, shall any Contributor be
- \* liable to You for damages, including any direct, indirect, special,
- \* incidental, or consequential damages of any character arising as a
- \* result of this License or out of the use or inability to use the
- \* Work (including but not limited to damages for loss of goodwill,
- \* work stoppage, computer failure or malfunction, or any and all
- \* other commercial damages or losses), even if such Contributor
- \* has been advised of the possibility of such damages.
- \*

\* 9. Accepting Warranty or Additional Liability. While redistributing

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

# \* END OF TERMS AND CONDITIONS

\*

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

- \*
- \* To apply the Apache License to your work, attach the following
- \* boilerplate notice, with the fields enclosed by brackets "[]"
- \* replaced with your own identifying information. (Don't include
- \* the brackets!) The text should be enclosed in the appropriate
- \* comment syntax for the file format. We also recommend that a
- \* file or class name and description of purpose be included on the
- \* same "printed page" as the copyright notice for easier
- \* identification within third-party archives.
- \*
- \* Copyright [yyyy] [name of copyright owner]
- \*
- \* Licensed under the Apache License, Version 2.0 (the "License");
- \* you may not use this file except in compliance with the License.
- \* You may obtain a copy of the License at

- \*
- \* http://www.apache.org/licenses/LICENSE-2.0
- \*
- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS,
- \* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
- \* See the License for the specific language governing permissions and
- \* limitations under the License.

\*/

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

# TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

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

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

with Licensor regarding such Contributions.

- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

# END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. This product includes software developed by The Apache Software Foundation (http://www.apache.org/).

# 1.15 antlr 4.7.2

# 1.16 commons-codec 1.11

# 1.16.1 Available under license :

Apache Commons Codec Copyright 2002-2017 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (http://www.apache.org/).

src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java
contains test data from http://aspell.net/test/orig/batch0.tab.
Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org)

The content of package org.apache.commons.codec.language.bm has been translated from the original php source code available at http://stevemorse.org/phoneticinfo.htm with permission from the original authors.

Original source copyright:

Copyright (c) 2008 Alexander Beider & Stephen P. Morse.

Apache License

# Version 2.0, January 2004 http://www.apache.org/licenses/

# TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

# 1. Definitions.

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

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

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

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

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

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

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

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

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

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

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices

stating that You changed the files; and

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

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

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

# END OF TERMS AND CONDITIONS

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

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

# Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0

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

# 1.17 jackson-datatype-jsr310 2.11.1

# 1.17.1 Available under license :

This copy of Jackson JSON processor streaming parser/generator is licensed under the Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivate works.

You may obtain a copy of the License at:

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

# **1.18 spring-framework 3.2.17.RELEASE** 1.18.1 Available under license :

Apache License

Version 2.0, January 2004

http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

You must cause any modified files to carry prominent notices stating that You changed the files; and You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

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

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

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

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

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

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

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

# 1.19 netty 4.1.52.Final

# 1.19.1 Available under license :

Copyright (c) 2003-2008 Yuta Mori All Rights Reserved.

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

The person or persons who have associated work with this document (the "Dedicator" or "Certifier") hereby either (a) certifies that, to the best of his knowledge, the work of authorship identified is in the public domain of the country from which the work is published, or (b) hereby dedicates whatever copyright the dedicators holds in the work of authorship identified below (the "Work") to the public domain. A certifier, moreover, dedicates any copyright interest he may have in the associated work, and for these purposes, is described as a "dedicator" below.

A certifier has taken reasonable steps to verify the copyright status of this work. Certifier recognizes that his good faith efforts may not shield him from liability if in fact the work certified is not in the public domain.

Dedicator makes this dedication for the benefit of the public at large and to the detriment of the Dedicator's heirs and successors. Dedicator intends this dedication to be an overt act of relinquishment in perpetuity of all present and future rights under copyright law, whether vested or contingent, in the Work. Dedicator understands that such relinquishment of all rights includes the relinquishment of all rights to enforce (by lawsuit or otherwise) those copyrights in the Work.

Dedicator recognizes that, once placed in the public domain, the Work may be freely reproduced, distributed, transmitted, used, modified, built upon, or otherwise exploited by anyone for any purpose, commercial or non-commercial, and in any way, including by methods that have not yet been invented or conceived.

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

# TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

# 1. Definitions.

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

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

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

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

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

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

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

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

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

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

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the

Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

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

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

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

- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

# END OF TERMS AND CONDITIONS

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

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

Copyright {yyyy} {name of copyright owner}

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

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

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

Copyright (c) 2009 William Kinney

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

This copy of Aalto XML processor is licensed under the Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivate works.

You may obtain a copy of the License at:

http://www.apache.org/licenses/

A copy is also included with both the the downloadable source code package and jar that contains class bytecodes, as file "ASL 2.0". In both cases, that file should be located next to this file: in source distribution the location should be "release-notes/asl"; and in jar "META-INF/" (BSD License: http://www.opensource.org/licenses/bsd-license)

Copyright (c) 2011, Joe Walnes, Aslak Hellesy and contributors All rights reserved.

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

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

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

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

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

The Netty Project

Please visit the Netty web site for more information:

\* https://netty.io/

# Copyright 2014 The Netty Project

The Netty Project licenses this file to you under the Apache License, version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at:

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

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

Also, please refer to each LICENSE.<component>.txt file, which is located in the 'license' directory of the distribution file, for the license terms of the components that this product depends on.

#### \_\_\_\_\_

This product contains the extensions to Java Collections Framework which has been derived from the works by JSR-166 EG, Doug Lea, and Jason T. Greene:

- \* LICENSE:
- \* license/LICENSE.jsr166y.txt (Public Domain)
- \* HOMEPAGE:
- \* http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/
- \* http://viewvc.jboss.org/cgi-bin/viewvc.cgi/jbosscache/experimental/jsr166/

This product contains a modified version of Robert Harder's Public Domain Base64 Encoder and Decoder, which can be obtained at:

- \* LICENSE:
- \* license/LICENSE.base64.txt (Public Domain)
- \* HOMEPAGE:
- \* http://iharder.sourceforge.net/current/java/base64/

This product contains a modified portion of 'Webbit', an event based WebSocket and HTTP server, which can be obtained at:

- \* LICENSE:
- \* license/LICENSE.webbit.txt (BSD License)
- \* HOMEPAGE:
- \* https://github.com/joewalnes/webbit

This product contains a modified portion of 'SLF4J', a simple logging facade for Java, which can be obtained at:

\* LICENSE:

\* license/LICENSE.slf4j.txt (MIT License)

```
* HOMEPAGE:
```

```
* http://www.slf4j.org/
```

This product contains a modified portion of 'Apache Harmony', an open source Java SE, which can be obtained at:

\* NOTICE:
\* license/NOTICE.harmony.txt
\* LICENSE:
\* license/LICENSE.harmony.txt (Apache License 2.0)
\* HOMEPAGE:
\* http://archive.apache.org/dist/harmony/

This product contains a modified portion of 'jbzip2', a Java bzip2 compression and decompression library written by Matthew J. Francis. It can be obtained at:

\* LICENSE:

\* license/LICENSE.jbzip2.txt (MIT License)

\* HOMEPAGE:

\* https://code.google.com/p/jbzip2/

This product contains a modified portion of 'libdivsufsort', a C API library to construct the suffix array and the Burrows-Wheeler transformed string for any input string of a constant-size alphabet written by Yuta Mori. It can be obtained at:

\* LICENSE:

```
* license/LICENSE.libdivsufsort.txt (MIT License)
```

- \* HOMEPAGE:
- \* https://github.com/y-256/libdivsufsort

This product contains a modified portion of Nitsan Wakart's 'JCTools', Java Concurrency Tools for the JVM, which can be obtained at:

```
* LICENSE:
```

```
* license/LICENSE.jctools.txt (ASL2 License)
```

\* HOMEPAGE:

```
* https://github.com/JCTools/JCTools
```

This product optionally depends on 'JZlib', a re-implementation of zlib in pure Java, which can be obtained at:

\* LICENSE:

\* license/LICENSE.jzlib.txt (BSD style License)

\* HOMEPAGE:

\* http://www.jcraft.com/jzlib/

This product optionally depends on 'Compress-LZF', a Java library for encoding and decoding data in LZF format, written by Tatu Saloranta. It can be obtained at:

\* LICENSE:

- \* license/LICENSE.compress-lzf.txt (Apache License 2.0)
- \* HOMEPAGE:
- \* https://github.com/ning/compress

This product optionally depends on 'lz4', a LZ4 Java compression and decompression library written by Adrien Grand. It can be obtained at:

```
* LICENSE:
```

- \* license/LICENSE.lz4.txt (Apache License 2.0)
- \* HOMEPAGE:
- \* https://github.com/jpountz/lz4-java

This product optionally depends on 'Izma-java', a LZMA Java compression and decompression library, which can be obtained at:

\* LICENSE:

\* license/LICENSE.lzma-java.txt (Apache License 2.0)

```
* HOMEPAGE:
```

\* https://github.com/jponge/lzma-java

This product contains a modified portion of 'jfastlz', a Java port of FastLZ compression and decompression library written by William Kinney. It can be obtained at:

```
* LICENSE:
```

- \* license/LICENSE.jfastlz.txt (MIT License)
- \* HOMEPAGE:
- \* https://code.google.com/p/jfastlz/

This product contains a modified portion of and optionally depends on 'Protocol Buffers', Google's data interchange format, which can be obtained at:

```
* LICENSE:
```

- \* license/LICENSE.protobuf.txt (New BSD License)
- \* HOMEPAGE:
- \* https://github.com/google/protobuf

This product optionally depends on 'Bouncy Castle Crypto APIs' to generate a temporary self-signed X.509 certificate when the JVM does not provide the equivalent functionality. It can be obtained at:

\* LICENSE:
\* license/LICENSE.bouncycastle.txt (MIT License)
\* HOMEPAGE:

\* http://www.bouncycastle.org/

This product optionally depends on 'Snappy', a compression library produced by Google Inc, which can be obtained at:

\* LICENSE:

\* license/LICENSE.snappy.txt (New BSD License)

\* HOMEPAGE:

\* https://github.com/google/snappy

This product optionally depends on 'JBoss Marshalling', an alternative Java serialization API, which can be obtained at:

\* LICENSE:

- \* license/LICENSE.jboss-marshalling.txt (Apache License 2.0)
- \* HOMEPAGE:
- \* https://github.com/jboss-remoting/jboss-marshalling

This product optionally depends on 'Caliper', Google's microbenchmarking framework, which can be obtained at:

\* LICENSE:

- \* license/LICENSE.caliper.txt (Apache License 2.0)
- \* HOMEPAGE:
- \* https://github.com/google/caliper

This product optionally depends on 'Apache Commons Logging', a logging framework, which can be obtained at:

- \* LICENSE:
- \* license/LICENSE.commons-logging.txt (Apache License 2.0)
- \* HOMEPAGE:
- \* http://commons.apache.org/logging/

This product optionally depends on 'Apache Log4J', a logging framework, which can be obtained at:

- \* LICENSE:
- \* license/LICENSE.log4j.txt (Apache License 2.0)
- \* HOMEPAGE:
- \* http://logging.apache.org/log4j/

This product optionally depends on 'Aalto XML', an ultra-high performance non-blocking XML processor, which can be obtained at:

\* LICENSE:

- \* license/LICENSE.aalto-xml.txt (Apache License 2.0)
- \* HOMEPAGE:

\* http://wiki.fasterxml.com/AaltoHome

This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Twitter. It can be obtained at:

\* LICENSE:

\* license/LICENSE.hpack.txt (Apache License 2.0)

\* HOMEPAGE:

\* https://github.com/twitter/hpack

This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Cory Benfield. It can be obtained at:

```
* LICENSE:
```

\* license/LICENSE.hyper-hpack.txt (MIT License)

\* HOMEPAGE:

\* https://github.com/python-hyper/hpack/

This product contains a modified version of 'HPACK', a Java implementation of the HTTP/2 HPACK algorithm written by Tatsuhiro Tsujikawa. It can be obtained at:

\* LICENSE:

```
* license/LICENSE.nghttp2-hpack.txt (MIT License)
```

- \* HOMEPAGE:
- \* https://github.com/nghttp2/nghttp2/

This product contains a modified portion of 'Apache Commons Lang', a Java library provides utilities for the java.lang API, which can be obtained at:

\* LICENSE:

- \* license/LICENSE.commons-lang.txt (Apache License 2.0)
- \* HOMEPAGE:
- \* https://commons.apache.org/proper/commons-lang/

This product contains the Maven wrapper scripts from 'Maven Wrapper', that provides an easy way to ensure a user has everything necessary to run the Maven build.

\* LICENSE:

- \* license/LICENSE.mvn-wrapper.txt (Apache License 2.0)
- \* HOMEPAGE:
- \* https://github.com/takari/maven-wrapper

This product contains the dnsinfo.h header file, that provides a way to retrieve the system DNS configuration on MacOS.

This private header is also used by Apple's open source

mDNSResponder (https://opensource.apple.com/tarballs/mDNSResponder/).

\* LICENSE:

- \* license/LICENSE.dnsinfo.txt (Apache License 2.0)
- \* HOMEPAGE:

\* http://www.opensource.apple.com/source/configd/configd-453.19/dnsinfo/dnsinfo.h The MIT License (MIT)

Copyright (c) 2014 Cory Benfield

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE. Copyright 2011, Google Inc.

All rights reserved.

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

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

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

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

Copyright 2006, 2010 The Apache Software Foundation.

This product includes software developed at The Apache Software Foundation (http://www.apache.org/). Copyright (c) 2010-2011 Matthew J. Francis and Contributors of the jbzip2 Project

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright 2009-2010 Ning, Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0

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

The person or persons who have associated work with this document (the "Dedicator" or "Certifier") hereby either (a) certifies that, to the best of his knowledge, the work of authorship identified is in the public domain of the country from which the work is published, or (b) hereby dedicates whatever copyright the dedicators holds in the work of authorship identified below (the "Work") to the public domain. A certifier, moreover, dedicates any copyright interest he may have in the associated work, and for these purposes, is

described as a "dedicator" below.

A certifier has taken reasonable steps to verify the copyright status of this work. Certifier recognizes that his good faith efforts may not shield him from liability if in fact the work certified is not in the public domain.

Dedicator makes this dedication for the benefit of the public at large and to the detriment of the Dedicator's heirs and successors. Dedicator intends this dedication to be an overt act of relinquishment in perpetuate of all present and future rights under copyright law, whether vested or contingent, in the Work. Dedicator understands that such relinquishment of all rights includes the relinquishment of all rights to enforce (by lawsuit or otherwise) those copyrights in the Work.

Dedicator recognizes that, once placed in the public domain, the Work may be freely reproduced, distributed, transmitted, used, modified, built upon, or otherwise exploited by anyone for any purpose, commercial or non-commercial, and in any way, including by methods that have not yet been invented or conceived.

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

# TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

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

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

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

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

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files. "Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

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

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

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

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

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

use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

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

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability

incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS The MIT License

Copyright (c) 2012, 2014, 2015, 2016 Tatsuhiro Tsujikawa Copyright (c) 2012, 2014, 2015, 2016 nghttp2 contributors

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE. The MIT License (MIT)

Copyright (c) 2000 - 2013 The Legion of the Bouncy Castle Inc. (http://www.bouncycastle.org)

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN

#### THE SOFTWARE.

Copyright (c) 2000,2001,2002,2003,2004 ymnk, JCraft,Inc. All rights reserved.

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

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- 3. The names of the authors may not be used to endorse or promote products derived from this software without specific prior written permission.

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

/\*

\* Copyright (c) 2004-2007 QOS.ch

\* All rights reserved.

\*

\* Permission is hereby granted, free of charge, to any person obtaining

 $\ast$  a copy of this software and associated documentation files (the

\* "Software"), to deal in the Software without restriction, including

\* without limitation the rights to use, copy, modify, merge, publish,

\* distribute, sublicense, and/or sell copies of the Software, and to

\* permit persons to whom the Software is furnished to do so, subject to

- \* the following conditions:
- \*

\* The above copyright notice and this permission notice shall be

\* included in all copies or substantial portions of the Software.

\*

\* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,

\* EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF

\* MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND

\* NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE

 $\ast$  LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION

\* OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION

\* WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

/\* \* Copyright (c) 2004-2006, 2008, 2009, 2011 Apple Inc. All rights reserved. \* @APPLE LICENSE HEADER START@ \* This file contains Original Code and/or Modifications of Original Code \* as defined in and that are subject to the Apple Public Source License \* Version 2.0 (the 'License'). You may not use this file except in \* compliance with the License. Please obtain a copy of the License at \* http://www.opensource.apple.com/apsl/ and read it before using this \* file. \* The Original Code and all software distributed under the License are \* distributed on an 'AS IS' basis, WITHOUT WARRANTY OF ANY KIND, EITHER \* EXPRESS OR IMPLIED, AND APPLE HEREBY DISCLAIMS ALL SUCH WARRANTIES. \* INCLUDING WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY, \* FITNESS FOR A PARTICULAR PURPOSE, QUIET ENJOYMENT OR NON-INFRINGEMENT. \* Please see the License for the specific language governing rights and \* limitations under the License. \* @APPLE\_LICENSE\_HEADER\_END@ \*/ Protocol Buffers - Google's data interchange format Copyright 2013 Google Inc. All rights reserved.

https://developers.google.com/protocol-buffers/

\*/

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

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

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

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,

#### DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license.

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

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

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

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

with Licensor regarding such Contributions.

- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

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

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

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

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

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

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

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

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

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

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

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

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

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work,

excluding those notices that do not pertain to any part of the Derivative Works; and

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

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

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any

risks associated with Your exercise of permissions under this License.

- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

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

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

#### Copyright [yyyy] [name of copyright owner]

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

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

## **1.20 jakarta activation api 1.2.1** 1.20.1 Available under license :

# Notices for Eclipse Project for JAF

This content is produced and maintained by the Eclipse Project for JAF project.

\* Project home: https://projects.eclipse.org/projects/ee4j.jaf

## Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

## Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0, which is available at http://www.eclipse.org/org/documents/edl-v10.php.

SPDX-License-Identifier: BSD-3-Clause

## Source Code

The project maintains the following source code repositories:

\* https://github.com/eclipse-ee4j/jaf

## Third-party Content

This project leverages the following third party content.

JUnit (4.12)

\* License: Eclipse Public License

Copyright (c) 2018 Oracle and/or its affiliates. All rights reserved.

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

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

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

# 1.21 mail 1.6.0

### 1.21.1 Available under license :

COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.1

1. Definitions.

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

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

1.3. "Covered Software" means (a) the Original Software, or (b) Modifications, or (c) the combination of files containing Original Software with files containing Modifications, in each case including portions thereof.

1.4. "Executable" means the Covered Software in any form other than Source Code.

1.5. "Initial Developer" means the individual or entity that first makes Original Software available under this License.

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

1.7. "License" means this document.

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

1.9. "Modifications" means the Source Code and Executable form of any of the following:

A. Any file that results from an addition to, deletion from or modification of the contents of a file containing Original Software or previous Modifications;

B. Any new file that contains any part of the Original Software or previous Modification; or

C. Any new file that is contributed or otherwise made available under the terms of this License.

1.10. "Original Software" means the Source Code and Executable form of computer software code that is originally released under this License.

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

1.12. "Source Code" means (a) the common form of computer software code in which modifications are made and (b) associated documentation included in or with such code.

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

2. License Grants.

2.1. The Initial Developer Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, the Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license:

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

(b) under Patent Claims infringed by the making, using or selling of Original Software, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Software (or portions thereof).

(c) The licenses granted in Sections 2.1(a) and (b) are effective on the date Initial Developer first distributes or otherwise makes the Original Software available to a third party under the terms of this License.

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

2.2. Contributor Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

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

(b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: (1) Modifications made by that Contributor (or portions thereof); and (2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination). (c) The licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first distributes or otherwise makes the Modifications available to a third party.

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

#### 3. Distribution Obligations.

3.1. Availability of Source Code.

Any Covered Software that You distribute or otherwise make available in Executable form must also be made available in Source Code form and that Source Code form must be distributed only under the terms of this License. You must include a copy of this License with every copy of the Source Code form of the Covered Software You distribute or otherwise make available. You must inform recipients of any such Covered Software in Executable form as to how they can obtain such Covered Software in Source Code form in a reasonable manner on or through a medium customarily used for software exchange.

#### 3.2. Modifications.

The Modifications that You create or to which You contribute are governed by the terms of this License. You represent that You believe Your Modifications are Your original creation(s) and/or You have sufficient rights to grant the rights conveyed by this License.

#### 3.3. Required Notices.

You must include a notice in each of Your Modifications that identifies You as the Contributor of the Modification. You may not remove or alter any copyright, patent or trademark notices contained within the Covered Software, or any notices of licensing or any descriptive text giving attribution to any Contributor or the Initial Developer.

3.4. Application of Additional Terms.

You may not offer or impose any terms on any Covered Software in Source Code form that alters or restricts the applicable version of this License or the recipients' rights hereunder. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, you may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

3.5. Distribution of Executable Versions.

You may distribute the Executable form of the Covered Software under the terms of this License or under the terms of a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable form does not attempt to limit or alter the recipient's rights in the Source Code form from the rights set forth in this License. If You distribute the Covered Software in Executable form under a different license, You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

#### 3.6. Larger Works.

You may create a Larger Work by combining Covered Software with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Software.

#### 4. Versions of the License.

#### 4.1. New Versions.

Oracle is the initial license steward and may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Except as provided in Section 4.3, no one other than the license steward has the right to modify this License.

4.2. Effect of New Versions.

You may always continue to use, distribute or otherwise make the

Covered Software available under the terms of the version of the License under which You originally received the Covered Software. If the Initial Developer includes a notice in the Original Software prohibiting it from being distributed or otherwise made available under any subsequent version of the License, You must distribute and make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. Otherwise, You may also choose to use, distribute or otherwise make the Covered Software available under the terms of any subsequent version of the License published by the license steward.

#### 4.3. Modified Versions.

When You are an Initial Developer and You want to create a new license for Your Original Software, You may create and use a modified version of this License if You: (a) rename the license and remove any references to the name of the license steward (except to note that the license differs from this License); and (b) otherwise make it clear that the license contains terms which differ from this License.

#### 5. DISCLAIMER OF WARRANTY.

COVERED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED SOFTWARE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGING. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED SOFTWARE IS WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

#### 6. TERMINATION.

6.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

6.2. If You assert a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You assert such claim is referred to as "Participant") alleging that the Participant Software (meaning the Contributor Version where the

Participant is a Contributor or the Original Software where the Participant is the Initial Developer) directly or indirectly infringes any patent, then any and all rights granted directly or indirectly to You by such Participant, the Initial Developer (if the Initial Developer is not the Participant) and all Contributors under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively and automatically at the expiration of such 60 day notice period, unless if within such 60 day period You withdraw Your claim with respect to the Participant Software against such Participant either unilaterally or pursuant to a written agreement with Participant.

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

6.4. In the event of termination under Sections 6.1 or 6.2 above, all end user licenses that have been validly granted by You or any distributor hereunder prior to termination (excluding licenses granted to You by any distributor) shall survive termination.

#### 7. LIMITATION OF LIABILITY.

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

#### 8. U.S. GOVERNMENT END USERS.

The Covered Software is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" (as that term is defined at 48 C.F.R.

252.227-7014(a)(1)) and "commercial computer software documentation" as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Software with only those rights set forth herein. This U.S. Government Rights clause is in lieu of, and supersedes, any other FAR, DFAR, or other clause or provision that addresses Government rights in computer software under this License.

#### 9. MISCELLANEOUS.

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdiction's conflict-of-law provisions. Any litigation relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, with the losing party responsible for costs, including, without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.

#### 10. RESPONSIBILITY FOR CLAIMS.

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

NOTICE PURSUANT TO SECTION 9 OF THE COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)

The code released under the CDDL shall be governed by the laws of the

State of California (excluding conflict-of-law provisions). Any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California and the state courts of the State of California, with venue lying in Santa Clara County, California.

The GNU General Public License (GPL) Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc. 51 Franklin Street, Fifth Floor Boston, MA 02110-1335 USA

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

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

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

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

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

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy,

distribute and/or modify the software.

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

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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

#### TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

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

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

2. You may modify your copy or copies of the Program or any portion of

it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

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

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

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

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

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

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable

source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

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

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

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

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License. 9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest

possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

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

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

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA

Also add information on how to contact you by electronic and paper mail.

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

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

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

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

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker. signature of Ty Coon, 1 April 1989 Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

#

Certain source files distributed by Oracle America, Inc. and/or its affiliates are subject to the following clarification and special exception to the GPLv2, based on the GNU Project exception for its Classpath libraries, known as the GNU Classpath Exception, but only where Oracle has expressly included in the particular source file's header the words "Oracle designates this particular file as subject to the "Classpath" exception as provided by Oracle in the LICENSE file that accompanied this code."

You should also note that Oracle includes multiple, independent programs in this software package. Some of those programs are provided under licenses deemed incompatible with the GPLv2 by the Free Software Foundation and others. For example, the package includes programs licensed under the Apache License, Version 2.0. Such programs are licensed to you under their original licenses.

Oracle facilitates your further distribution of this package by adding the Classpath Exception to the necessary parts of its GPLv2 code, which permits you to use that code in combination with other independent modules not licensed under the GPLv2. However, note that this would not permit you to commingle code under an incompatible license with Oracle's GPLv2 licensed code by, for example, cutting and pasting such code into a file also containing Oracle's GPLv2 licensed code and then distributing the result. Additionally, if you were to remove the Classpath Exception from any of the files to which it applies and distribute the result, you would likely be required to license some or all of the other code in that distribution under the GPLv2 as well, and since the GPLv2 is incompatible with the license terms of some items included in the distribution by Oracle, removing the Classpath Exception could therefore effectively compromise your ability to further distribute the package.

Proceed with caution and we recommend that you obtain the advice of a lawyer skilled in open source matters before removing the Classpath Exception or making modifications to this package which may subsequently be redistributed and/or involve the use of third party software.

#### CLASSPATH EXCEPTION

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License version 2 cover the whole combination.

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

### **1.22 vertx-service-proxy 4.0.2** 1.22.1 Available under license :

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

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

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

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

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

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License. "Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

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

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

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

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

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

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

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

- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

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

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only

on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

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

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

Copyright {yyyy} {name of copyright owner}

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

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

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

# 1.23 commons-lang3 3.7

### 1.23.1 Available under license :

Apache Commons Lang Copyright 2001-2018 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (http://www.apache.org/).

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

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

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

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

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

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

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

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

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

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

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

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and

attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

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

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

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the

appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

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

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

#### Copyright [yyyy] [name of copyright owner]

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

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

## 1.24 security-provider 1.0.2

## 1.24.1 Available under license :

/\*\*

\* The Bouncy Castle License.

\*

\* Copyright (c) 2015 The Legion Of The Bouncy Castle Inc. (http://www.bouncycastle.org)

\*

\* Permission is hereby granted, free of charge, to any person obtaining a copy of this software

\* and associated documentation files (the "Software"), to deal in the Software without restriction,

\* including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense,

\* and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so,

\* subject to the following conditions:

\*

\* The above copyright notice and this permission notice shall be included in all copies or substantial

\* portions of the Software.

\*

\* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED,

\* INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR

\* PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE

\* LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR

\* OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER

\* DEALINGS IN THE SOFTWARE.

\*

\*/

## 1.25 vertx-web-common 4.0.2

## 1.25.1 Available under license :

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright (c) 2011-2018 The original author or authors

k \_\_\_\_\_

\* All rights reserved. This program and the accompanying materials

\* are made available under the terms of the Eclipse Public License v1.0

\* and Apache License v2.0 which accompanies this distribution.

- \*
- \* The Eclipse Public License is available at
- \* http://www.eclipse.org/legal/epl-v10.html
- \*
- \* The Apache License v2.0 is available at
- \* http://www.opensource.org/licenses/apache2.0.php
- \*

\* You may elect to redistribute this code under either of these licenses.

\*/

Found in path(s):

\* /opt/cola/permits/1166659801\_1621461455.99/0/vertx-web-common-4-0-2-sourcesjar/io/vertx/ext/web/multipart/impl/MultipartFormImpl.java

\* /opt/cola/permits/1166659801\_1621461455.99/0/vertx-web-common-4-0-2-sourcesjar/io/vertx/ext/web/multipart/FormDataPart.java

\* /opt/cola/permits/1166659801\_1621461455.99/0/vertx-web-common-4-0-2-sources-jar/io/vertx/ext/web/multipart/MultipartForm.java

\* /opt/cola/permits/1166659801\_1621461455.99/0/vertx-web-common-4-0-2-sourcesjar/io/vertx/ext/web/multipart/impl/FormDataPartImpl.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2018 Red Hat, Inc.

\*

\* All rights reserved. This program and the accompanying materials

\* are made available under the terms of the Eclipse Public License v1.0

\* and Apache License v2.0 which accompanies this distribution.

\*

\* The Eclipse Public License is available at

\* http://www.eclipse.org/legal/epl-v10.html

\*

\* The Apache License v2.0 is available at

\* http://www.opensource.org/licenses/apache2.0.php

\*

\* You may elect to redistribute this code under either of these licenses.

\*/

Found in path(s):

\* /opt/cola/permits/1166659801\_1621461455.99/0/vertx-web-common-4-0-2-sourcesjar/io/vertx/ext/web/common/WebEnvironment.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright (c) 2011-2013 The original author or authors

\* \_\_\_\_\_

\* All rights reserved. This program and the accompanying materials

\* are made available under the terms of the Eclipse Public License v1.0

\* and Apache License v2.0 which accompanies this distribution.

- \*
- \* The Eclipse Public License is available at
- \* http://www.eclipse.org/legal/epl-v10.html
- \*
- \* The Apache License v2.0 is available at
- \* http://www.opensource.org/licenses/apache2.0.php
- \*

\* You may elect to redistribute this code under either of these licenses.

\*/

Found in path(s):

\* /opt/cola/permits/1166659801\_1621461455.99/0/vertx-web-common-4-0-2-sourcesjar/io/vertx/ext/web/codec/BodyCodec.java

\* /opt/cola/permits/1166659801\_1621461455.99/0/vertx-web-common-4-0-2-sources-

jar/io/vertx/ext/web/codec/impl/BodyCodecImpl.java

No license file was found, but licenses were detected in source scan.

### /\*

- \* Copyright 2014 Red Hat, Inc.
- \*
- \* All rights reserved. This program and the accompanying materials
- \* are made available under the terms of the Eclipse Public License v1.0
- \* and Apache License v2.0 which accompanies this distribution.
- \*
- \* The Eclipse Public License is available at
- \* http://www.eclipse.org/legal/epl-v10.html
- \*
- \* The Apache License v2.0 is available at
- \* http://www.opensource.org/licenses/apache2.0.php

\*

\* You may elect to redistribute this code under either of these licenses.

\*/

Found in path(s):

\* /opt/cola/permits/1166659801\_1621461455.99/0/vertx-web-common-4-0-2-sourcesjar/io/vertx/ext/web/common/template/TemplateEngine.java

\* /opt/cola/permits/1166659801\_1621461455.99/0/vertx-web-common-4-0-2-sourcesjar/io/vertx/ext/web/common/template/impl/TemplateHolder.java

\* /opt/cola/permits/1166659801\_1621461455.99/0/vertx-web-common-4-0-2-sourcesjar/io/vertx/ext/web/codec/spi/BodyStream.java

\* /opt/cola/permits/1166659801\_1621461455.99/0/vertx-web-common-4-0-2-sourcesjar/io/vertx/ext/web/codec/impl/StreamingBodyCodec.java

\* /opt/cola/permits/1166659801\_1621461455.99/0/vertx-web-common-4-0-2-sourcesjar/io/vertx/ext/web/common/template/CachingTemplateEngine.java

# 1.26 jackson-annotations 2.10.3

## 1.26.1 Available under license :

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

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### END OF TERMS AND CONDITIONS

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

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

#### Copyright [yyyy] [name of copyright owner]

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

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

This copy of Jackson JSON processor annotations is licensed under the Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivate works.

You may obtain a copy of the License at:

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

## 1.27 commons-io 2.6

## 1.27.1 Available under license :

Apache Commons IO Copyright 2002-2017 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (http://www.apache.org/).

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

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,

and distribution as defined by Sections 1 through 9 of this document.

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

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

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

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

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

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

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

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

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

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

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

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

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,

whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

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

### END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

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

## 1.28 xwd 1.0.7

## 1.28.1 Available under license :

\* Copyright (c) 1999, 2017, Oracle and/or its affiliates. All rights reserved. \* DO NOT ALTER OR REMOVE COPYRIGHT NOTICES OR THIS FILE HEADER. \* This code is free software; you can redistribute it and/or modify it \* under the terms of the GNU General Public License version 2 only, as \* published by the Free Software Foundation. Oracle designates this \* particular file as subject to the "Classpath" exception as provided \* by Oracle in the LICENSE file that accompanied this code. \* This code is distributed in the hope that it will be useful, but WITHOUT \* ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or \* FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License \* version 2 for more details (a copy is included in the LICENSE file that \* accompanied this code). \* You should have received a copy of the GNU General Public License version \* 2 along with this work; if not, write to the Free Software Foundation, \* Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA. \* Please contact Oracle, 500 Oracle Parkway, Redwood Shores, CA 94065 USA \* or visit www.oracle.com if you need additional information or have any \* questions. \*/ GNU GENERAL PUBLIC LICENSE Version 2. June 1991 Copyright (C) 1989, 1991 Free Software Foundation, Inc.,

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too. When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

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

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

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

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

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

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

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

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

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

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

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

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

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

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readablesource code, which must be distributed under the terms of Sections1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

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

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

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

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

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

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

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc.,

#### 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

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

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'. This is free software, and you are welcome to redistribute it under certain conditions; type 'show c' for details.

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

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

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

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

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

## 1.29 vertx-core 4.0.2

## 1.29.1 Available under license :

The MIT License

Copyright (c) 2009 Carl Bystrm

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell

copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

JBoss, Home of Professional Open Source. Copyright 2015 Red Hat, Inc., and individual contributors as indicated by the @author tags.

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

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

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

limitations under the License.

\* Copyright (c) 1998-2010 AOL Inc.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

- \* You may obtain a copy of the License at
- \*

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

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*

## 1.30 tre 1.1.24-r8

## 1.30.1 Available under license :

This is the license, copyright notice, and disclaimer for TRE, a regex matching package (library and tools) with support for approximate matching.

Copyright (c) 2001-2009 Ville Laurikari <vl@iki.fi> All rights reserved.

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

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

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

## 1.31 simpleclient-common 0.5.0

## 1.32 pax-utils 1.2.8-r0

## 1.32.1 Available under license :

GNU GENERAL PUBLIC LICENSE Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc. 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

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

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

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

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

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

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all. The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

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

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

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

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

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

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

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

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

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readablesource code, which must be distributed under the terms of Sections1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

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

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

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

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues),

conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of

this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

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

<one line to give the program's name and a brief idea of what it does.> Copyright (C) <year> <name of author> This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

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

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

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

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

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

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

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

# 1.33 ignite-indexing 2.9.1

## 1.33.1 Available under license :

// -----

 $\prime\prime$  List of ignite-indexing module's dependencies provided as a part of this distribution.

// -----

For H2 Database Engine (http://www.h2database.com) com.h2database:h2:jar:1.4.197

\_\_\_\_\_

This product bundles H2 Database Engine which is available under the following: MPL 2.0 or EPL 1.0. For details, see http://h2database.com/html/license.html.

For ignite-core (http://ignite.apache.org) org.apache.ignite:ignite-core:jar:2.9.1

\_\_\_\_\_

This product bundles ignite-core which is available under the following: The Apache Software License, Version 2.0. For details, see http://www.apache.org/licenses/LICENSE-2.0.txt.

For Lucene Common Analyzers (http://lucene.apache.org/lucene-parent/lucene-analyzers-common) org.apache.lucene:lucene-analyzers-common:jar:7.4.0

This product bundles Lucene Common Analyzers which is available under the following: Apache 2. For details, see http://www.apache.org/licenses/LICENSE-2.0.txt.

For Lucene Core (http://lucene.apache.org/lucene-parent/lucene-core) org.apache.lucene:lucene-core:jar:7.4.0

This product bundles Lucene Core which is available under the following: Apache 2. For details, see http://www.apache.org/licenses/LICENSE-2.0.txt.

For Lucene QueryParsers (http://lucene.apache.org/lucene-parent/lucene-queryparser) org.apache.lucene:lucene-queryparser:jar:7.4.0

This product bundles Lucene QueryParsers which is available under the following: Apache 2. For details, see http://www.apache.org/licenses/LICENSE-2.0.txt.

For Apache Commons Codec (http://commons.apache.org/proper/commons-codec/) commons-codec:commons-codec:jar:1.11

This product bundles Apache Commons Codec which is available under the following: Apache License, Version 2.0. For details, see https://www.apache.org/licenses/LICENSE-2.0.txt.

ignite-indexing

Copyright 2020 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (http://www.apache.org/).

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

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You

meet the following conditions:

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

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

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor,

except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

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

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

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

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

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

## 1.34 musl 1.2.2-r0

### 1.34.1 Available under license :

musl as a whole is licensed under the following standard MIT license:

Copyright 2005-2020 Rich Felker, et al.

\_\_\_\_\_

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\_\_\_\_\_

Authors/contributors include:

A. Wilcox Ada Worcester Alex Dowad Alex Suykov Alexander Monakov Andre McCurdy Andrew Kelley Anthony G. Basile Aric Belsito Arvid Picciani Bartosz Brachaczek Benjamin Peterson Bobby Bingham **Boris Brezillon** Brent Cook Chris Spiegel Clment Vasseur **Daniel Micay** Daniel Sabogal Daurnimator David Carlier David Edelsohn Denys Vlasenko Dmitry Ivanov Dmitry V. Levin Drew DeVault **Emil Renner Berthing** Fangrui Song Felix Fietkau Felix Janda Gianluca Anzolin Hauke Mehrtens He X Hiltjo Posthuma Isaac Dunham Jaydeep Patil Jens Gustedt Jeremy Huntwork Jo-Philipp Wich Joakim Sindholt John Spencer Julien Ramseier Justin Cormack Kaarle Ritvanen Khem Raj Kylie McClain Leah Neukirchen Luca Barbato Luka Perkov M Farkas-Dyck (Strake) Mahesh Bodapati Markus Wichmann Masanori Ogino Michael Clark Michael Forney Mikhail Kremnyov Natanael Copa Nicholas J. Kain orc Pascal Cuoq Patrick Oppenlander Petr Hosek Petr Skocik Pierre Carrier Reini Urban **Rich Felker Richard Pennington** Ryan Fairfax Samuel Holland Segev Finer Shiz sin Solar Designer Stefan Kristiansson Stefan O'Rear Szabolcs Nagy Timo Ters Trutz Behn Valentin Ochs Will Dietz William Haddon William Pitcock

Portions of this software are derived from third-party works licensed under terms compatible with the above MIT license:

The TRE regular expression implementation (src/regex/reg\* and src/regex/tre\*) is Copyright 2001-2008 Ville Laurikari and licensed under a 2-clause BSD license (license text in the source files). The included version has been heavily modified by Rich Felker in 2012, in the interests of size, simplicity, and namespace cleanliness.

Much of the math library code (src/math/\* and src/complex/\*) is Copyright 1993,2004 Sun Microsystems or Copyright 2003-2011 David Schultz or Copyright 2003-2009 Steven G. Kargl or Copyright 2003-2009 Bruce D. Evans or Copyright 2008 Stephen L. Moshier or Copyright 2017-2018 Arm Limited and labelled as such in comments in the individual source files. All have been licensed under extremely permissive terms.

The ARM memcpy code (src/string/arm/memcpy.S) is Copyright 2008 The Android Open Source Project and is licensed under a two-clause BSD license. It was taken from Bionic libc, used on Android.

The AArch64 memcpy and memset code (src/string/aarch64/\*) are Copyright 1999-2019, Arm Limited.

The implementation of DES for crypt (src/crypt/crypt\_des.c) is Copyright 1994 David Burren. It is licensed under a BSD license.

The implementation of blowfish crypt (src/crypt/crypt\_blowfish.c) was originally written by Solar Designer and placed into the public domain. The code also comes with a fallback permissive license for use in jurisdictions that may not recognize the public domain.

The smoothsort implementation (src/stdlib/qsort.c) is Copyright 2011 Valentin Ochs and is licensed under an MIT-style license.

The x86\_64 port was written by Nicholas J. Kain and is licensed under the standard MIT terms.

The mips and microblaze ports were originally written by Richard Pennington for use in the ellcc project. The original code was adapted by Rich Felker for build system and code conventions during upstream integration. It is licensed under the standard MIT terms.

The mips64 port was contributed by Imagination Technologies and is licensed under the standard MIT terms.

The powerpc port was also originally written by Richard Pennington, and later supplemented and integrated by John Spencer. It is licensed under the standard MIT terms.

All other files which have no copyright comments are original works produced specifically for use as part of this library, written either by Rich Felker, the main author of the library, or by one or more contibutors listed above. Details on authorship of individual files can be found in the git version control history of the project. The omission of copyright and license comments in each file is in the interest of source tree size.

In addition, permission is hereby granted for all public header files (include/\* and arch/\*/bits/\*) and crt files intended to be linked into applications (crt/\*, ldso/dlstart.c, and arch/\*/crt\_arch.h) to omit

the copyright notice and permission notice otherwise required by the license, and to use these files without any requirement of attribution. These files include substantial contributions from:

Bobby Bingham John Spencer Nicholas J. Kain Rich Felker Richard Pennington Stefan Kristiansson Szabolcs Nagy

all of whom have explicitly granted such permission.

This file previously contained text expressing a belief that most of the files covered by the above exception were sufficiently trivial not to be subject to copyright, resulting in confusion over whether it negated the permissions granted in the license. In the spirit of permissive licensing, and of not having licensing issues being an obstacle to adoption, that text has been removed.

## 1.35 jsr305 3.0.1

## 1.36 byte-buddy-agent 1.9.3

### 1.36.1 Available under license :

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2014 - 2018 Rafael Winterhalter

\*

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

\*

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

\*

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

\*/

Found in path(s):

\* /opt/cola/permits/1114503625\_1607518978.69/0/byte-buddy-agent-1-9-3-sources-1jar/net/bytebuddy/agent/Installer.java

\* /opt/cola/permits/1114503625\_1607518978.69/0/byte-buddy-agent-1-9-3-sources-1-jar/net/bytebuddy/agent/package-info.java

\* /opt/cola/permits/1114503625\_1607518978.69/0/byte-buddy-agent-1-9-3-sources-1-jar/net/bytebuddy/agent/Attacher.java

\* /opt/cola/permits/1114503625\_1607518978.69/0/byte-buddy-agent-1-9-3-sources-1jar/net/bytebuddy/agent/ByteBuddyAgent.java

\* /opt/cola/permits/1114503625\_1607518978.69/0/byte-buddy-agent-1-9-3-sources-1-jar/net/bytebuddy/agent/VirtualMachine.java

## 1.37 joni 2.1.31

### 1.37.1 Available under license :

No license file was found, but licenses were detected in source scan.

/\*

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

\* The above copyright notice and this permission notice shall be included in all

\* copies or substantial portions of the Software.

\*

\* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR \* IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, \* FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE \* AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER \* LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, \* OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE \* SOFTWARE.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/constants/internal/StackType.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/CaptureTreeNode.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/BitStatus.java

jar/org/joni/constants/internal/OPSize.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/exception/SyntaxException.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/UnsetAddrList.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/constants/internal/Traverse.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/exception/InternalException.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/constants/internal/AnchorType.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/Search.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/OptAnchorInfo.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/ByteCodeMachine.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/NameEntry.java

 $* / opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/StackMachine.java$ 

 $* / opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/Regex.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/constants/internal/Arguments.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/Analyser.java \* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/ast/AnchorNode.java

 $* / opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/OptMapInfo.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/OptExactInfo.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/constants/internal/EncloseType.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/ast/CClassNode.java

 $* / opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/ast/ListNode.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/ast/StringNode.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/ApplyCaseFoldArg.java

 $* / opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/MinMaxLen.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/Matcher.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/Lexer.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/constants/internal/TargetInfo.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/NodeOptInfo.java \* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/constants/internal/NodeType.java

 $* / opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/ast/CallNode.java$ 

 $* / opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/Region.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/Token.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/ast/BackRefNode.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/ast/AnyCharNode.java

 $* / opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/Syntax.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/ScanEnvironment.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/constants/internal/TokenType.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/exception/JOniException.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sourcesjar/org/joni/constants/internal/NodeStatus.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/MatcherFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/ScannerSupport.java

 $* / opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/Config.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/ast/QuantifierNode.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/NativeMachine.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/ByteCodePrinter.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/ast/CTypeNode.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/StackEntry.java \* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/constants/MetaChar.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/WarnCallback.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/OptEnvironment.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/Compiler.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/constants/SyntaxProperties.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/constants/internal/OPCode.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/CodeRangeBuffer.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/ast/StateNode.java

jar/org/joni/exception/ValueException.java

 $* / opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/BitSet.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/ArrayCompiler.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/exception/ErrorMessages.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/constants/internal/StringType.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/ast/EncloseNode.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/ApplyCaseFold.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/ast/Node.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-jar/org/joni/Parser.java

\* /opt/ws\_local/PERMITS\_SQL/1045445922\_1591004900.63/0/joni-2-1-31-sources-

jar/org/joni/constants/internal/StackPopLevel.java

## **1.38 junit 4.12** 1.38.1 Available under license :

JUnit

Eclipse Public License - v 1.0

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

#### 1. DEFINITIONS

"Contribution" means:

- a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and
- b) in the case of each subsequent Contributor:
- i) changes to the Program, and
- ii) additions to the Program;

where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include additions to the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

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

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

"Recipient" means anyone who receives the Program under this Agreement, including all Contributors.

#### 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

#### **3. REQUIREMENTS**

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and

b) its license agreement:

 i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and

iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

a) it must be made available under this Agreement; and

b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

#### 4. COMMERCIAL DISTRIBUTION

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

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

#### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

#### 6. DISCLAIMER OF LIABILITY

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

### 7. GENERAL

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

#### If Recipient institutes patent litigation against any

entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed. All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.

## 1.39 antlr-runtime 4.8

### 1.39.1 Available under license :

No license file was found, but licenses were detected in source scan.

#### /\*

- \* Copyright (c) 2012-2017 The ANTLR Project. All rights reserved.
- \* Use of this file is governed by the BSD 3-clause license that
- \* can be found in the LICENSE.txt file in the project root.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/RuleContext.java

jar/org/antlr/v4/runtime/misc/IntSet.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/atn/ProfilingATNSimulator.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/misc/IntervalSet.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/misc/EqualityComparator.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/LexerTypeAction.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/EpsilonTransition.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/pattern/ParseTreeMatch.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/DecisionState.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/BaseErrorListener.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/LexerActionType.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/tree/pattern/TagChunk.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/ProxyErrorListener.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/misc/Pair.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/xpath/XPathTokenElement.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/LexerSkipAction.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/CodePointCharStream.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/ATNState.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/ParserRuleContext.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/ListTokenSource.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/misc/FlexibleHashMap.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/NotSetTransition.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/tree/xpath/XPathRuleAnywhereElement.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/LexerActionExecutor.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/TokenStreamRewriter.java

jar/org/antlr/v4/runtime/Vocabulary.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/InterpreterRuleContext.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/misc/OrderedHashSet.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/RuleNode.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/OrderedATNConfigSet.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/UnbufferedCharStream.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/misc/MultiMap.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/ContextSensitivityInfo.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/tree/ErrorNode.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/RuntimeMetaData.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/StarLoopEntryState.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/RuleStopState.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/ATNDeserializer.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/LexerPopModeAction.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/Lexer.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/ParseInfo.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/xpath/XPathWildcardAnywhereElement.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/BlockEndState.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/atn/SingletonPredictionContext.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/atn/BasicBlockStartState.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/Trees.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/xpath/XPathLexerErrorListener.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/tree/xpath/XPathLexer.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/dfa/LexerDFASerializer.java

jar/org/antlr/v4/runtime/misc/AbstractEqualityComparator.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/misc/MurmurHash.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/dfa/DFASerializer.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/TokenFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/ANTLRFileStream.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/DecisionEventInfo.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/TerminalNode.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/RuleContextWithAltNum.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/Tree.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/LexerATNSimulator.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/dfa/DFAState.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/LexerNoViableAltException.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/misc/Predicate.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/CharStream.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/LexerATNConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/pattern/ParseTreePattern.java

 $\label{eq:local/PERMITS_SQL/1076543057_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/LexerCustomAction.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/ATNSerializer.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/tree/IterativeParseTreeWalker.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/ParserInterpreter.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/WildcardTransition.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/tree/xpath/XPathRuleElement.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/RecognitionException.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/atn/EmptyPredictionContext.java

jar/org/antlr/v4/runtime/misc/TestRig.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/ParseTreeListener.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/ParseTreeWalker.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/StarLoopbackState.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/TokenStream.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/ParseTree.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/TokenSource.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/atn/LexerIndexedCustomAction.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/atn/PrecedencePredicateTransition.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/AbstractParseTreeVisitor.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/RuleStartState.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/AtomTransition.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/misc/Array2DHashSet.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/SemanticContext.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/BufferedTokenStream.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/CharStreams.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/ParseTreeProperty.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/PredicateEvalInfo.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/Recognizer.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/atn/PlusBlockStartState.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/ArrayPredictionContext.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/misc/Triple.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/PredictionContext.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/pattern/RuleTagToken.java

jar/org/antlr/v4/runtime/atn/LexerMoreAction.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/LL1Analyzer.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/BailErrorStrategy.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/pattern/ParseTreePatternMatcher.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/AmbiguityInfo.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/ATNSimulator.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/CommonTokenFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/atn/AbstractPredicateTransition.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/xpath/XPathTokenAnywhereElement.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/ErrorInfo.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/misc/DoubleKeyMap.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/misc/LogManager.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/WritableToken.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/TokensStartState.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/LoopEndState.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/VocabularyImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/PredictionMode.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/LexerAction.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/CodePointTransitions.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/LookaheadEventInfo.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/ATNConfigSet.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/CommonTokenStream.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/misc/InterpreterDataReader.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/ANTLRInputStream.java

jar/org/antlr/v4/runtime/atn/LexerModeAction.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/tree/xpath/XPathWildcardElement.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/CodePointBuffer.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/xpath/XPath.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/PredictionContextCache.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/DecisionInfo.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/ANTLRErrorListener.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/tree/pattern/TokenTagToken.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/Parser.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/pattern/TextChunk.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/LexerChannelAction.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/pattern/Chunk.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/misc/Interval.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/FailedPredicateException.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/PredicateTransition.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/DefaultErrorStrategy.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/xpath/XPathElement.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/LexerInterpreter.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/misc/NotNull.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/NoViableAltException.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/misc/ObjectEqualityComparator.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/IntStream.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/RangeTransition.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/ATNConfig.java

jar/org/antlr/v4/runtime/atn/RuleTransition.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/BasicState.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/SetTransition.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/LexerPushModeAction.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/ATN.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/misc/IntegerList.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/ATNType.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/SyntaxTree.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/ConsoleErrorListener.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/UnbufferedTokenStream.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/Transition.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/TerminalNodeImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/tree/ParseTreeVisitor.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/dfa/DFA.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/ANTLRErrorStrategy.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/PlusLoopbackState.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/ATNDeserializationOptions.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/misc/Utils.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/CommonToken.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/ParserATNSimulator.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/InputMismatchException.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/tree/ErrorNodeImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/BlockStartState.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sourcesjar/org/antlr/v4/runtime/misc/IntegerStack.java

jar/org/antlr/v4/runtime/atn/ActionTransition.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/Token.java

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/org/antlr/v4/runtime/atn/StarBlockStartState.java

\*/opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-

jar/org/antlr/v4/runtime/DiagnosticErrorListener.java

 $* / opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/ ant lr4-runtime-4-8-sources-1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 1000 + 10000 + 1000 + 1000 + 1000 + 10000 + 1000$ 

jar/org/antlr/v4/runtime/misc/ParseCancellationException.java

No license file was found, but licenses were detected in source scan.

~ Copyright (c) 2012-2017 The ANTLR Project. All rights reserved.

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1076543057\_1596566036.95/0/antlr4-runtime-4-8-sources-jar/META-INF/maven/org.antlr/antlr4-runtime/pom.xml

## 1.40 tre 0.8.0

### **1.40.1 Available under license :**

This is the license, copyright notice, and disclaimer for TRE, a regex matching package (library and tools) with support for approximate matching.

Copyright (c) 2001-2009 Ville Laurikari <vl@iki.fi> All rights reserved.

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

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

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

## 1.41 swagger-annotations 2.1.4

### 1.41.1 Available under license :

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0 Automatic-Module-Name: io.swagger.v3.oas.annotations Bnd-LastModified: 1595657133388 Build-Jdk: 1.8.0 262 Built-By: runner Bundle-Description: swagger-annotations Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.html Bundle-ManifestVersion: 2 Bundle-Name: swagger-annotations Bundle-SymbolicName: io.swagger.core.v3.swagger-annotations Bundle-Version: 2.1.4 Created-By: Apache Maven Bundle Plugin Export-Package: io.swagger.v3.oas.annotations.media;uses:="io.swagger. v3.oas.annotations,io.swagger.v3.oas.annotations.extensions,io.swagge r.v3.oas.annotations.headers";version="2.1.4",io.swagger.v3.oas.annot ations.headers;uses:="io.swagger.v3.oas.annotations.media";version="2 .1.4", io.swagger.v3.oas.annotations; uses:="io.swagger.v3.oas.annotati ons.enums, io.swagger.v3.oas.annotations.extensions, io.swagger.v3.oas. annotations.info,io.swagger.v3.oas.annotations.media,io.swagger.v3.oa s.annotations.parameters,io.swagger.v3.oas.annotations.responses,io.s wagger.v3.oas.annotations.security, io.swagger.v3.oas.annotations.serv ers,io.swagger.v3.oas.annotations.tags";version="2.1.4",io.swagger.v3 .oas.annotations.extensions;version="2.1.4",io.swagger.v3.oas.annotat ions.links;uses:="io.swagger.v3.oas.annotations.extensions,io.swagger .v3.oas.annotations.servers";version="2.1.4",io.swagger.v3.oas.annota tions.parameters;uses:="io.swagger.v3.oas.annotations.extensions,io.s wagger.v3.oas.annotations.media";version="2.1.4",io.swagger.v3.oas.an notations.enums;version="2.1.4",io.swagger.v3.oas.annotations.securit y;uses:="io.swagger.v3.oas.annotations.enums,io.swagger.v3.oas.annota tions.extensions";version="2.1.4",io.swagger.v3.oas.annotations.callb acks;uses:="io.swagger.v3.oas.annotations,io.swagger.v3.oas.annotatio ns.extensions";version="2.1.4",io.swagger.v3.oas.annotations.tags;use s:="io.swagger.v3.oas.annotations,io.swagger.v3.oas.annotations.exten sions";version="2.1.4",io.swagger.v3.oas.annotations.responses;uses:= "io.swagger.v3.oas.annotations.extensions,io.swagger.v3.oas.annotatio ns.headers,io.swagger.v3.oas.annotations.links,io.swagger.v3.oas.anno tations.media";version="2.1.4",io.swagger.v3.oas.annotations.servers; uses:="io.swagger.v3.oas.annotations.extensions";version="2.1.4",io.s wagger.v3.oas.annotations.info;uses:="io.swagger.v3.oas.annotations.e

xtensions";version="2.1.4"

implementation-version: 2.1.4

Import-Package: io.swagger.v3.oas.annotations,io.swagger.v3.oas.annotations.enums,io.swagger.v3.oas.annotations.extensions,io.swagger.v3.oas.annotations.headers,io.swagger.v3.oas.annotations.info,io.swagger.v3.oas.annotations.media,io.swagger.v3.oas.annotations.media,io.swagger.v3.oas.annotations.responses,io.swagger.v3.oas.annotations.security,io.swagger.v3.oas.annotations.servers,io.swagger.v3.oas.annotations.tags mode: development package: io.swagger Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))" Tool: Bnd-4.2.0.201903051501 url: https://github.com/swagger-api/swagger-core/modules/swagger-annotations

Found in path(s):

\* /opt/cola/permits/1101969059\_1603396773.46/0/swagger-annotations-2-1-4-jar/META-INF/MANIFEST.MF

## 1.42 swagger-parser-v3 2.0.21

### 1.42.1 Available under license :

No license file was found, but licenses were detected in source scan.

public License getLicense(ObjectNode node, String location, ParseResult result) {

Found in path(s): \*/opt/cola/permits/1166659680\_1621461494.05/0/swagger-parser-v3-2-0-21-sourcesjar/io/swagger/v3/parser/util/OpenAPIDeserializer.java

## 1.43 cache-api 1.0.0

### 1.43.1 Available under license :

GNU LESSER GENERAL PUBLIC LICENSE Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <a href="http://fsf.org/>Everyone">http://fsf.org/>Everyone</a> is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

This version of the GNU Lesser General Public License incorporates the terms and conditions of version 3 of the GNU General Public License, supplemented by the additional permissions listed below.

0. Additional Definitions.

As used herein, "this License" refers to version 3 of the GNU Lesser General Public License, and the "GNU GPL" refers to version 3 of the GNU General Public License.

"The Library" refers to a covered work governed by this License, other than an Application or a Combined Work as defined below.

An "Application" is any work that makes use of an interface provided by the Library, but which is not otherwise based on the Library. Defining a subclass of a class defined by the Library is deemed a mode of using an interface provided by the Library.

A "Combined Work" is a work produced by combining or linking an Application with the Library. The particular version of the Library with which the Combined Work was made is also called the "Linked Version".

The "Minimal Corresponding Source" for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are based on the Application, and not on the Linked Version.

The "Corresponding Application Code" for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.

1. Exception to Section 3 of the GNU GPL.

You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL.

2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or

b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.

#### 3. Object Code Incorporating Material from Library Header Files.

The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.

b) Accompany the object code with a copy of the GNU GPL and this license document.

4. Combined Works.

You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such modifications, if you also do each of the following:

a) Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License.

b) Accompany the Combined Work with a copy of the GNU GPL and this license document.

c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.

d) Do one of the following:

0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.

1) Use a suitable shared library mechanism for linking with the

Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.

e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

#### 5. Combined Libraries.

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 that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.

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

6. Revised Versions of the GNU Lesser General Public License.

The Free Software Foundation may publish revised and/or new versions of the GNU Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation.

If the Library as you received it specifies that a proxy can decide whether future versions of the GNU Lesser General Public License shall apply, that proxy's public statement of acceptance of any version is permanent authorization for you to choose that version for the Library.

## 1.44 vertx-auth-common 4.0.2

### 1.44.1 Available under license :

Found license 'Eclipse Public License 1.0' in '\* All rights reserved. This program and the accompanying materials \* are made available under the terms of the Eclipse Public License v1.0 \* and Apache License v2.0 which accompanies this distribution. \* The Eclipse Public License is available at \* The Apache License v2.0 is available at \* You may elect to redistribute this code under either of these licenses.'

Found license 'Eclipse Public License 1.0' in '\* All rights reserved. This program and the accompanying materials \* are made available under the terms of the Eclipse Public License v1.0 \* and Apache License v2.0 which accompanies this distribution. \* The Eclipse Public License is available at \* The Apache License v2.0 is available at \* You may elect to redistribute this code under either of these licenses.' Found license 'Eclipse Public License 1.0' in '\* All rights reserved. This program and the accompanying materials \* are made available under the terms of the Eclipse Public License v1.0 \* and Apache License v2.0 which

accompanies this distribution. \* The Eclipse Public License is available at \* The Apache License v2.0 is available at \* You may elect to redistribute this code under either of these licenses.'

Found license 'Eclipse Public License 1.0' in '\* This program and the accompanying materials are made available under the 2 \* terms of the Eclipse Public License 2.0 which is available at'

# 1.45 error\_prone\_annotations 2.4.0

### 1.45.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
/*
```

\* Copyright 2014 The Error Prone Authors.

\*

- \* Licensed under the Apache License, Version 2.0 (the "License");
- \* you may not use this file except in compliance with the License.
- \* You may obtain a copy of the License at
- \*
- \* http://www.apache.org/licenses/LICENSE-2.0
- \*
- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS,
- \* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
- \* See the License for the specific language governing permissions and
- \* limitations under the License.

Found in path(s):

\* /opt/cola/permits/1199767181\_1630583089.73/0/error-prone-annotations-2-4-0-sources-2-jar/com/google/errorprone/annotations/concurrent/UnlockMethod.java

\* /opt/cola/permits/1199767181\_1630583089.73/0/error-prone-annotations-2-4-0-sources-2-

jar/com/google/errorprone/annotations/concurrent/LockMethod.java

\* /opt/cola/permits/1199767181\_1630583089.73/0/error-prone-annotations-2-4-0-sources-2-

jar/com/google/errorprone/annotations/NoAllocation.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2017 The Error Prone Authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

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

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1199767181\_1630583089.73/0/error-prone-annotations-2-4-0-sources-2jar/com/google/errorprone/annotations/concurrent/GuardedBy.java

\* /opt/cola/permits/1199767181\_1630583089.73/0/error-prone-annotations-2-4-0-sources-2-jar/com/google/errorprone/annotations/DoNotCall.java

\*/opt/cola/permits/1199767181\_1630583089.73/0/error-prone-annotations-2-4-0-sources-2-

jar/com/google/error prone/annotations/OverridingMethodsMustInvokeSuper. java

\* /opt/cola/permits/1199767181\_1630583089.73/0/error-prone-annotations-2-4-0-sources-2jar/com/google/errorprone/annotations/CheckReturnValue.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2016 The Error Prone Authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

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

\*

\* Unless required by applicable law or agreed to in writing, software

\*/

\* distributed under the License is distributed on an "AS IS" BASIS,

- \* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
- \* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

#### Found in path(s):

\* /opt/cola/permits/1199767181\_1630583089.73/0/error-prone-annotations-2-4-0-sources-2-jar/com/google/errorprone/annotations/FormatMethod.java

\* /opt/cola/permits/1199767181\_1630583089.73/0/error-prone-annotations-2-4-0-sources-2-jar/com/google/errorprone/annotations/MustBeClosed.java

\* /opt/cola/permits/1199767181\_1630583089.73/0/error-prone-annotations-2-4-0-sources-2-jar/com/google/errorprone/annotations/RestrictedApi.java

\* /opt/cola/permits/1199767181\_1630583089.73/0/error-prone-annotations-2-4-0-sources-2-jar/com/google/errorprone/annotations/FormatString.java

\* /opt/cola/permits/1199767181\_1630583089.73/0/error-prone-annotations-2-4-0-sources-2-jar/com/google/errorprone/annotations/CompatibleWith.java

\* /opt/cola/permits/1199767181\_1630583089.73/0/error-prone-annotations-2-4-0-sources-2-jar/com/google/errorprone/annotations/DoNotMock.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2015 The Error Prone Authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

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

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1199767181\_1630583089.73/0/error-prone-annotations-2-4-0-sources-2-jar/com/google/errorprone/annotations/RequiredModifiers.java

\* /opt/cola/permits/1199767181\_1630583089.73/0/error-prone-annotations-2-4-0-sources-2-jar/com/google/errorprone/annotations/CompileTimeConstant.java

\* /opt/cola/permits/1199767181\_1630583089.73/0/error-prone-annotations-2-4-0-sources-2-jar/com/google/errorprone/annotations/Var.java

\* /opt/cola/permits/1199767181\_1630583089.73/0/error-prone-annotations-2-4-0-sources-2-jar/com/google/errorprone/annotations/CanIgnoreReturnValue.java

\* /opt/cola/permits/1199767181\_1630583089.73/0/error-prone-annotations-2-4-0-sources-2-jar/com/google/errorprone/annotations/Immutable.java

\* /opt/cola/permits/1199767181\_1630583089.73/0/error-prone-annotations-2-4-0-sources-2-jar/com/google/errorprone/annotations/concurrent/LazyInit.java

\* /opt/cola/permits/1199767181\_1630583089.73/0/error-prone-annotations-2-4-0-sources-2jar/com/google/errorprone/annotations/ForOverride.java

\* /opt/cola/permits/1199767181\_1630583089.73/0/error-prone-annotations-2-4-0-sources-2-jar/com/google/errorprone/annotations/SuppressPackageLocation.java

\* /opt/cola/permits/1199767181\_1630583089.73/0/error-prone-annotations-2-4-0-sources-2-jar/com/google/errorprone/annotations/IncompatibleModifiers.java

## 1.46 jakarta-validation-api 2.0.2

### 1.46.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
/*
```

\* Jakarta Bean Validation API

\*

\* License: Apache License, Version 2.0

\* See the license.txt file in the root directory or <http://www.apache.org/licenses/LICENSE-2.0>. \*/

Found in path(s):

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Validator.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/CascadableDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintTarget.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/FutureOrPresent.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Null.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintValidatorContext.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ExecutableDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/groups/Default.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/MessageInterpolator.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/package-info.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/Unwrapping.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/ValueExtractor.java

jar/javax/validation/constraintvalidation/ValidationTarget.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/MethodDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/package-info.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/UnexpectedTypeException.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/BeanDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Digits.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/bootstrap/ProviderSpecificBootstrap.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/UnwrapByDefault.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/NegativeOrZero.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintViolation.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintDefinitionException.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ValidateUnwrappedValue.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraintvalidation/SupportedValidationTarget.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/groups/package-info.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/spi/ValidationProvider.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ElementKind.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/GroupConversionDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/ExtractedValue.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/bootstrap/GenericBootstrap.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/MethodType.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/ValueExtractorDeclarationException.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ConstructorDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraintvalidation/package-info.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/AssertTrue.java

jar/javax/validation/Path.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/executable/package-info.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/package-info.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/PositiveOrZero.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/ValueExtractorDefinitionException.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/BootstrapConfiguration.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ElementDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ContainerElementTypeDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/GroupDefinitionException.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Min.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/groups/ConvertGroup.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/Scope.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Max.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ReportAsSingleViolation.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ReturnValueDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ParameterNameProvider.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Pattern.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/NoProviderFoundException.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Validation.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ValidatorContext.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/NotBlank.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/spi/package-info.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Constraint.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Valid.java

jar/javax/validation/metadata/CrossParameterDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ClockProvider.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Configuration.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/executable/ValidateOnExecution.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Size.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/PastOrPresent.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintViolationException.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/bootstrap/package-info.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/TraversableResolver.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/executable/ExecutableValidator.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ValidationProviderResolver.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ValidatorFactory.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ContainerDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ConstraintDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ParameterDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/NotNull.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/package-info.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/GroupSequence.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Negative.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintValidatorFactory.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ValidationException.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/OverridesAttribute.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/spi/BootstrapState.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Email.java

jar/javax/validation/ConstraintDeclarationException.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/PropertyDescriptor.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintValidator.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/executable/ExecutableType.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/AssertFalse.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Future.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/DecimalMax.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Positive.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/NotEmpty.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/spi/ConfigurationState.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Payload.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/DecimalMin.java

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Past.java

No license file was found, but licenses were detected in source scan.

~ Jakarta Bean Validation API

~

~ License: Apache License, Version 2.0

~ See the license.txt file in the root directory or <http://www.apache.org/licenses/LICENSE

<![CDATA[

Comments to: <a href="mailto:bean-validation-dev@eclipse.org">bean-validation-dev@eclipse.org</a>.<br>Copyright &#169; 2019 Eclipse Foundation.<br>

Use is subject to <a href="{@docRoot}/doc-files/specificense.html" target="\_top">EFSL</a>; this spec is based on material that is licensed under the Apache License, version 2.0.]]>

Found in path(s):

\* /opt/cola/permits/1135880235\_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/META-INF/maven/jakarta.validation/jakarta.validation-api/pom.xml

## 1.47 commons-logging 1.2

### 1.47.1 Available under license :

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2001-2006 The Apache Software Foundation.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

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

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9jar/org/apache/commons/logging/LogFactory.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2001-2004,2006 The Apache Software Foundation.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

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

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9jar/org/apache/commons/logging/impl/AvalonLogger.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2004 The Apache Software Foundation.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

- \* http://www.apache.org/licenses/LICENSE-2.0
- \*
- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

- \* See the License for the specific language governing permissions and
- \* limitations under the License.
- \*/

Found in path(s):

 \* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9jar/org/apache/commons/logging/impl/WeakHashtable.java
 No license file was found, but licenses were detected in source scan.

2004 The Apache Software Foundation.

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

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

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

Found in path(s):

\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/package.html
\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/package.html
No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2001-2004 The Apache Software Foundation.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

- \* You may obtain a copy of the License at
- \*
- \* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9jar/org/apache/commons/logging/LogConfigurationException.java \* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9jar/org/apache/commons/logging/impl/Log4JLogger.java \* /opt/cola/permits/1135840457 1613613080.13/0/commons-logging-1-1-sources-9jar/org/apache/commons/logging/impl/LogFactoryImpl.java \* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9jar/org/apache/commons/logging/impl/Jdk13LumberjackLogger.java \* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9jar/org/apache/commons/logging/impl/SimpleLog.java \* /opt/cola/permits/1135840457 1613613080.13/0/commons-logging-1-1-sources-9jar/org/apache/commons/logging/impl/Jdk14Logger.java \* /opt/cola/permits/1135840457 1613613080.13/0/commons-logging-1-1-sources-9jar/org/apache/commons/logging/LogSource.java \* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9jar/org/apache/commons/logging/impl/NoOpLog.java \* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9jar/org/apache/commons/logging/impl/LogKitLogger.java

\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9jar/org/apache/commons/logging/Log.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2005 The Apache Software Foundation.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

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

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1135840457\_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/ServletContextCleaner.java

# 1.48 jacoco-core 0.8.5

## 1.48.1 Available under license :

Found license 'Eclipse Public License 1.0' in 'This program and the accompanying materials are made available under the terms of the Eclipse Public License 2.0 which is available at' Found license 'Eclipse Public License 1.0' in 'under the terms and conditions of the Eclipse Public License Version 2.0'

# 1.49 jackson 2.10.3

## 1.49.1 Available under license :

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

## Licensing

Jackson core and extension components may licensed under different licenses. To find the details that apply to this artifact see the accompanying LICENSE file. For more information, including possible other licensing options, contact FasterXML.com (http://fasterxml.com).

### ## Credits

A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses. This copy of Jackson JSON processor streaming parser/generator is licensed under the Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivate works.

You may obtain a copy of the License at:

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

# 1.50 vertx-web 4.0.2

## 1.50.1 Available under license :

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

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof. "Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

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

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or

Derivative Works a copy of this License; and

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

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

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

### END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

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

## 1.51 pax-utils 1.2.6-r1

## 1.51.1 Available under license :

GNU GENERAL PUBLIC LICENSE Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

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

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it. For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

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

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

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

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

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

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

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

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

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

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

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program. In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readablesource code, which must be distributed under the terms of Sections1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

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

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

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

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice. This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES,

INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

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

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

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

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

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details. The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

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

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

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

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

# 1.52 ca-certificates 20191127-r5

## 1.52.1 Available under license :

Found license 'General Public License 2.0' in '# This program is free software; you can redistribute it and/or modify # it under the terms of the GNU General Public License as published by # the Free Software Foundation; either version 2 of the License, or # (at your option) any later version. # This program is distributed in the hope that it will be useful, # but WITHOUT ANY WARRANTY; without even the implied warranty of # MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the # GNU General Public License for more details. # You should have received a copy of the GNU General Public License # along with this program; if not, write to the Free Software'

# 1.53 spring-context 4.3.26.RELEASE

## 1.53.1 Available under license :

No license file was found, but licenses were detected in source scan.

/\*

- \* Copyright 2002-2011 the original author or authors.
- \*
- \* Licensed under the Apache License, Version 2.0 (the "License");
- \* you may not use this file except in compliance with the License.
- \* You may obtain a copy of the License at

```
* https://www.apache.org/licenses/LICENSE-2.0
```

```
*
```

\*

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

\*/

#### Found in path(s):

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/ApplicationContextInitializer.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/instrument/classloading/jboss/JBossClassLoaderAdapter.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/jmx/export/notification/NotificationPublisherAware.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/ConflictingBeanDefinitionException.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/ApplicationEventPublisherAware.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/MessageSourceAware.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/ImportAware.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/BeanMethod.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2006 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

- \* You may obtain a copy of the License at
- \*

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

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/validation/MapBindingResult.java

No license file was found, but licenses were detected in source scan.

/\*

- \* Copyright 2002-2005 the original author or authors.
- \*
- \* Licensed under the Apache License, Version 2.0 (the "License");
- \* you may not use this file except in compliance with the License.
- \* You may obtain a copy of the License at
- \*
- \* https://www.apache.org/licenses/LICENSE-2.0
- \*
- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS,
- \* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
- \* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/jmx/export/metadata/ManagedOperation.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2014 the original author or authors.

\*

```
* Licensed under the Apache License, Version 2.0 (the "License");
```

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* https://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

- \* See the License for the specific language governing permissions and
- \* limitations under the License.

\*/

/\*\*

```
* {@link FactoryBean} that obtains a WebSphere {@link javax.management.MBeanServer}
```

\* reference through WebSphere's proprietary {@code AdminServiceFactory} API,

```
* available on WebSphere 5.1 and higher.
```

\*

```
* Exposes the {@code MBeanServer} for bean references.
```

\* This FactoryBean is a direct alternative to {@link MBeanServerFactoryBean},

\* which uses standard JMX 1.2 API to access the platform's MBeanServer.

\*

- \* See the javadocs for WebSphere's
- \* <a href="https://bit.ly/UzccDt">{ @code AdminServiceFactory }</a>

\* and <a href="https://bit.ly/TRIX2r">{@code MBeanFactory}</a>.

\*

- \* @author Juergen Hoeller
- \* @author Rob Harrop
- \* @since 2.0.3
- \* @see javax.management.MBeanServer
- \* @see MBeanServerFactoryBean

\*/

Found in path(s):

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/jmx/support/WebSphereMBeanServerFactoryBean.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2008 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* https://www.apache.org/licenses/LICENSE-2.0

\*

- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/config/MBeanServerBeanDefinitionParser.java

jar/org/spring framework/jmx/export/assembler/AbstractConfigurableMBeanInfoAssembler.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/springframework/remoting/RemoteAccessException.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2014 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

- \* You may obtain a copy of the License at
- \*

\* https://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/interceptor/CacheErrorHandler.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/validation/annotation/Validated.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/interceptor/BasicOperation.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/interceptor/DefaultKeyGenerator.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/ScannedGenericBeanDefinition.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/interceptor/SimpleCacheErrorHandler.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/format/FormatterRegistry.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/ConditionEvaluator.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/concurrent/ForkJoinPoolFactoryBean.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/format/AnnotationFormatterFactory.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/interceptor/SimpleCacheResolver.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/remoting/support/RemoteInvocationResult.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/interceptor/SimpleKeyGenerator.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/expression/BeanFactoryAccessor.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/config/CacheManagementConfigUtils.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/support/CompositeCacheManager.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/format/support/FormattingConversionServiceFactoryBean.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/support/GenericGroovyApplicationContext.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/instrument/classloading/SimpleInstrumentableClassLoader.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/PropertySources.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/format/datetime/joda/JodaTimeConverters.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/annotation/AsyncConfigurerSupport.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/support/ContextTypeMatchClassLoader.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/AnnotationBeanNameGenerator.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/config/TaskManagementConfigUtils.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/config/ContextLifecycleScheduledTaskRegistrar.java

\*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/support/AbstractRefreshableConfigApplicationContext.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/springframework/cache/interceptor/CacheOperationInvocationContext.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/datetime/standard/TemporalAccessorParser.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/validation/ValidationUtils.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/annotation/AsyncConfigurer.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/jmx/export/assembler/MethodExclusionMBeanInfoAssembler.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/jmx/export/metadata/ManagedNotification.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/format/datetime/DateTimeFormatAnnotationFormatterFactory.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/spring framework/format/date time/joda/Joda Date TimeFormat Annotation Formatter Factory. java and the second s

 $* / opt/cola/permits/1135864028\_1613617907.04 / 0 / spring-context-4-3-26 - release-sources-1-0.04 - 0 / spring-context-4-3-26 - 0 / spring-con$ 

jar/org/springframework/context/support/EmbeddedValueResolutionSupport.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/ApplicationContext.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/datetime/standard/DateTimeContext.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/support/SimpleHttpServerFactoryBean.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/validation/beanvalidation/MessageSourceResourceBundleLocator.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/springframework/context/annotation/AnnotationConfigRegistry.java

\*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/spring framework/instrument/classloading/Simple Throwaway ClassLoader.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/support/RemoteInvocation.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/format/datetime/standard/TemporalAccessorPrinter.java No license file was found, but licenses were detected in source scan.

```
/*
```

```
* Copyright 2002-2013 the original author or authors.
```

- \*
- \* Licensed under the Apache License, Version 2.0 (the "License");
- \* you may not use this file except in compliance with the License.
- \* You may obtain a copy of the License at
- \*
- \* https://www.apache.org/licenses/LICENSE-2.0
- \*
- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS,
- \* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
- \* See the License for the specific language governing permissions and
- \* limitations under the License.
- \*/

### Found in path(s):

\*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/concurrent/CustomizableThreadFactory.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/concurrent/DefaultManagedTaskExecutor.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/format/datetime/joda/LocalDateTimeParser.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/interceptor/CacheExpressionRootObject.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/Condition.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/config/ScheduledTasksBeanDefinitionParser.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/format/datetime/joda/LocalTimeParser.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/i18n/SimpleTimeZoneAwareLocaleContext.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/remoting/rmi/JndiRmiClientInterceptor.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/validation/beanvalidation/OptionalValidatorFactoryBean.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/support/StaticApplicationContext.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/DeferredImportSelector.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/format/datetime/joda/DateTimeFormatterFactoryBean.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/Description.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/i18n/TimeZoneAwareLocaleContext.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/springframework/format/datetime/joda/JodaTimeContext.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/support/MessageSourceResourceBundle.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/ProfileCondition.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/datetime/joda/MillisecondInstantPrinter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scripting/ScriptFactory.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/datetime/joda/ReadableInstantPrinter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/expression/EnvironmentAccessor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/datetime/joda/DateTimeFormatterFactory.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/i18n/LocaleContext.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/support/MethodInvokingRunnable.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/ImportSelector.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scripting/bsh/BshScriptUtils.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/ConfigurationMethod.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/rmi/RmiClientInterceptorUtils.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/ui/ModelMap.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/ScopedProxyMode.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/i18n/SimpleLocaleContext.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/support/TaskUtils.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/rmi/RmiRegistryFactoryBean.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scripting/support/ResourceScriptSource.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/datetime/joda/ReadablePartialPrinter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/support/SimpleTriggerContext.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/datetime/joda/DateTimeParser.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/instrument/classloading/jboss/JBossMCAdapter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/springframework/context/annotation/Lazy.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/config/IntervalTask.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/FilterType.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/ejb/interceptor/SpringBeanAutowiringInterceptor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/datetime/joda/LocalDateParser.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/SchedulingTaskExecutor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/support/AbstractRefreshableApplicationContext.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/concurrent/DefaultManagedTaskScheduler.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/config/CronTask.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/interceptor/KeyGenerator.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2015 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* https://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/spring framework/scheduling/concurrent/DefaultManagedAwareThreadFactory. java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/springframework/format/datetime/standard/MonthDayFormatter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/springframework/format/number/money/Jsr354NumberFormatAnnotationFormatterFactory.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/spring framework/jndi/JndiObjectFactoryBean. java

jar/org/spring framework/jmx/export/annotation/ManagedOperation. java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jndi/support/SimpleJndiBeanFactory.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/datetime/joda/YearMonthFormatter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/PayloadApplicationEvent.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/event/EventExpressionRootObject.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scripting/ScriptEvaluator.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/datetime/joda/PeriodFormatter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/ApplicationListener.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/validation/support/BindingAwareModelMap.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/number/PercentStyleFormatter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/RemoteTimeoutException.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/event/SourceFilteringListener.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/datetime/joda/DurationFormatter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/access/ConnectorDelegate.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/annotation/AbstractCachingConfiguration.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scripting/support/StandardScriptEvalException.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/ui/ExtendedModelMap.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/event/Event/Event/Event/Event/ava

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/annotation/ProxyAsyncConfiguration.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/support/NoOpCacheManager.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/jmx/export/annotation/ManagedOperationParameter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/ui/context/support/ResourceBundleThemeSource.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/datetime/joda/MonthDayFormatter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/Role.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/number/NumberFormatter.java

```
* /opt/cola/permits/1135864028_1613617907.04/0/spring-context-4-3-26-release-sources-1-
jar/org/springframework/scheduling/concurrent/ScheduledExecutorFactoryBean.java
```

```
* /opt/cola/permits/1135864028_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/annotation/CacheConfig.java
```

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/annotation/ManagedNotification.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/instrument/classloading/jboss/JBossLoadTimeWeaver.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scripting/support/StandardScriptUtils.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scripting/ScriptCompilationException.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scripting/bsh/BshScriptEvaluator.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/datetime/standard/PeriodFormatter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/number/CurrencyFormatter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scripting/support/StandardScriptEvaluator.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/ComponentScans.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/support/CronTrigger.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/annotation/AbstractAsyncConfiguration.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/number/money/CurrencyUnitFormatter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/ApplicationEventPublisher.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/ImportResource.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/datetime/standard/DurationFormatter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/ApplicationEvent.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/annotation/ManagedOperationParameters.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/datetime/standard/DateTimeConverters.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/number/money/MonetaryAmountFormatter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/datetime/standard/YearMonthFormatter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/validation/beanvalidation/SpringConstraintValidatorFactory.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/format/number/PercentFormatter.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/annotation/ManagedAttribute.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/annotation/ManagedMetric.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/annotation/ManagedResource.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/config/AnnotationDrivenBeanDefinitionParser.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/springframework/format/support/DefaultFormattingConversionService.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scripting/config/LangNamespaceHandler.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2016 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

- \* You may obtain a copy of the License at
- \*

\* https://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/instrument/classloading/weblogic/WebLogicLoadTimeWeaver.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/annotation/CacheEvict.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/EnableLoadTimeWeaving.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/datetime/standard/DateTimeContextHolder.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/Primary.java

 $* / opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/config/PropertyPlaceholderBeanDefinitionParser.java$ 

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/support/LiveBeansView.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/ImportRegistry.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/springframework/context/annotation/AnnotatedBeanDefinitionReader.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/config/ScheduledTask.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/format/support/FormatterPropertyEditorAdapter.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/ParserStrategyUtils.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/ComponentScan.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/LoadTimeWeavingConfiguration.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/support/GenericApplicationContext.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/config/ExecutorBeanDefinitionParser.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/expression/MethodBasedEvaluationContext.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/expression/CachedExpressionEvaluator.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/format/datetime/joda/JodaTimeContextHolder.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scripting/bsh/BshScriptFactory.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/annotation/Caching.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/concurrent/ConcurrentTaskExecutor.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/config/LoadTimeWeaverBeanDefinitionParser.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/interceptor/CacheEvaluationContext.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/annotation/Cacheable.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/instrument/classloading/ReflectiveLoadTimeWeaver.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/config/TaskExecutorFactoryBean.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/support/AbstractResourceBasedMessageSource.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/format/datetime/standard/InstantFormatter.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/ClassPathBeanDefinitionScanner.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/jmx/export/assembler/MethodNameBasedMBeanInfoAssembler.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/jmx/export/annotation/ManagedNotifications.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

Open Source Used In Edge Intelligence Cloud\_2.2 351

jar/org/springframework/scripting/groovy/GroovyScriptEvaluator.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/annotation/SchedulingConfiguration.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/annotation/CachePut.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/interceptor/CacheableOperation.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/jmx/support/ConnectorServerFactoryBean.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/support/ConversionServiceFactoryBean.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/annotation/AsyncAnnotationBeanPostProcessor.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/EmbeddedValueResolverAware.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/annotation/EnableScheduling.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/ConfigurationClass.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/support/ApplicationContextAwareProcessor.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/weaving/AspectJWeavingEnabler.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/interceptor/CacheEvictOperation.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/annotation/Schedules.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scripting/config/ScriptBeanDefinitionParser.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/CommonAnnotationBeanPostProcessor.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scripting/config/ScriptingDefaultsParser.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/format/support/FormattingConversionService.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/event/EventListener.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scripting/groovy/GroovyScriptFactory.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/config/TriggerTask.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/AspectJAutoProxyRegistrar.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/format/datetime/DateFormatterRegistrar.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/Import.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/springframework/context/i18n/LocaleContextHolder.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/config/AbstractPropertyLoadingBeanDefinitionParser.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/Cache.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/annotation/AnnotationAsyncExecutionInterceptor.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/jndi/JndiLocatorDelegate.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/annotation/AnnotationJmxAttributeSource.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/support/GenericXmlApplicationContext.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jndi/JndiPropertySource.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/config/PropertyOverrideBeanDefinitionParser.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/ConfigurationCondition.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/annotation/AsyncResult.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/annotation/Async.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/datetime/standard/DateTimeFormatterRegistrar.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/springframework/format/datetime/standard/Jsr310DateTimeFormatAnnotationFormatterFactory.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/spring framework/scheduling/config/Scheduled Task Registrar. java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/interceptor/CachePutOperation.java

\*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/springframework/context/annotation/AnnotationScopeMetadataResolver.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

```
jar/org/spring framework/validation/AbstractPropertyBindingResult.java
```

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

```
jar/org/springframework/cache/concurrent/ConcurrentMapCacheManager.java
```

No license file was found, but licenses were detected in source scan.

#### /\*

\* Copyright 2002-2019 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

- \* You may obtain a copy of the License at
- \*

```
* https://www.apache.org/licenses/LICENSE-2.0
```

\*

- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS,
- \* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

#### Found in path(s):

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/support/DefaultMessageSourceResolvable.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/ResourceLoaderAware.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/support/AbstractApplicationContext.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/interceptor/CompositeCacheOperationSource.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/interceptor/CacheOperationSource.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/event/ApplicationListenerMethodAdapter.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/support/AbstractCacheManager.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/support/SimpleThreadScope.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/Configuration.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/CacheManager.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/AutoProxyRegistrar.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/event/AbstractApplicationEventMulticaster.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/support/ReloadableResourceBundleMessageSource.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/ImportBeanDefinitionRegistrar.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/interceptor/CacheAspectSupport.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/ConfigurationClassParser.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scripting/support/StandardScriptFactory.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/MessageSource.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/ConfigurationClassPostProcessor.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/spring framework/context/support/ResourceBundleMessageSource.java

No license file was found, but licenses were detected in source scan.

/\* \* Copyright 2002-2017 the original author or authors. \* Licensed under the Apache License, Version 2.0 (the "License"); \* you may not use this file except in compliance with the License. \* You may obtain a copy of the License at \* https://www.apache.org/licenses/LICENSE-2.0 \* Unless required by applicable law or agreed to in writing, software \* distributed under the License is distributed on an "AS IS" BASIS. \* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. \* See the License for the specific language governing permissions and \* limitations under the License. \*/ /\*\* \* Indicates that a component is only eligible for registration when all \* {@linkplain #value specified conditions} match. \* A <em>condition</em> is any state that can be determined programmatically \* before the bean definition is due to be registered (see {@link Condition} for details). \* The { @code @Conditional } annotation may be used in any of the following ways: \* \* as a type-level annotation on any class directly or indirectly annotated with \* {@code @Component}, including {@link Configuration @Configuration} classes \* as a meta-annotation, for the purpose of composing custom stereotype \* annotations \* as a method-level annotation on any {@link Bean @Bean} method \* \* If a {@code @Configuration} class is marked with {@code @Conditional}, \* all of the {@code @Bean} methods, {@link Import @Import} annotations, and \* {@link ComponentScan @ComponentScan} annotations associated with that \* class will be subject to the conditions. \* <strong>NOTE</strong>: Inheritance of {@code @Conditional} annotations \* is not supported; any conditions from superclasses or from overridden \* methods will not be considered. In order to enforce these semantics, \* {@code @Conditional} itself is not declared as \* {@link java.lang.annotation.Inherited @Inherited}; furthermore, any \* custom <em>composed annotation</em> that is meta-annotated with \* {@code @Conditional} must not be declared as {@code @Inherited}. \* @author Phillip Webb

\* @author Sam Brannen

```
* @since 4.0
```

\* @see Condition

```
*/
```

Found in path(s):

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/Conditional.java No license file was found, but licenses were detected in source scan.

/\*

```
* Copyright 2002-2016 the original author or authors.
```

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

- \* You may obtain a copy of the License at
- \*

```
* https://www.apache.org/licenses/LICENSE-2.0
```

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

```
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
```

\* See the License for the specific language governing permissions and

```
* limitations under the License.
```

\*/

```
/**
```

- \* Abstract the invocation of a cache operation.
- \*
- \* Does not provide a way to transmit checked exceptions but
- \* provide a special exception that should be used to wrap any
- \* exception that was thrown by the underlying invocation.
- \* Callers are expected to handle this issue type specifically.

\*

```
* @author Stephane Nicoll
```

\* @since 4.1

\*/

Found in path(s):

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/interceptor/CacheOperationInvoker.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2010 the original author or authors.

\*

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

\* https://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/support/FileSystemXmlApplicationContext.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/spring framework/context/support/StaticMessageSource.java

\*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/spring framework/context/support/ClassPathXmlApplicationContext.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/spring framework/jndi/JndiLocatorSupport.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2007 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* https://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/ejb/config/AbstractJndiLocatingBeanDefinitionParser.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/SpringModelMBean.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/metadata/AbstractJmxAttribute.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jndi/JndiAccessor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/metadata/ManagedOperationParameter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/springframework/remoting/support/RemoteInvocationExecutor.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/jmx/export/metadata/ManagedAttribute.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/remoting/support/RemoteInvocationFactory.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/instrument/classloading/WeavingTransformer.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/instrument/classloading/WeavingTransformer.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scripting/config/LangNamespaceUtils.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2017 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* https://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/format/datetime/standard/DateTimeFormatterFactoryBean.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/concurrent/ThreadPoolTaskScheduler.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/Profile.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/instrument/classloading/websphere/WebSphereLoadTimeWeaver.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/format/datetime/joda/JodaTimeFormatterRegistrar.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/format/annotation/DateTimeFormat.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/instrument/classloading/websphere/WebSphereClassLoaderAdapter.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/expression/MapAccessor.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/interceptor/CacheOperation.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/number/CurrencyStyleFormatter.java

```
* /opt/cola/permits/1135864028_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/concurrent/ConcurrentTaskScheduler.java
```

```
* /opt/cola/permits/1135864028_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/support/MetricType.java
```

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/event/ApplicationEventMulticaster.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/assembler/InterfaceBasedMBeanInfoAssembler.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/validation/DefaultMessageCodesResolver.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scripting/jruby/JRubyScriptFactory.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/event/EventPublicationInterceptor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/metadata/JmxMetadataUtils.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/datetime/DateFormatter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/config/CacheAdviceParser.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/number/NumberFormatAnnotationFormatterFactory.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/expression/AnnotatedElementKey.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scripting/jruby/JRubyScriptUtils.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/support/MessageSourceSupport.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/support/NotificationListenerHolder.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/event/EventExpressionEvaluator.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/instrument/classloading/jboss/JBossMCTranslatorAdapter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/Bean.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/support/ApplicationListenerDetector.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/stereotype/Repository.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/springframework/instrument/classloading/weblogic/WebLogicClassPreProcessorAdapter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/remoting/support/RemoteExporter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/interceptor/CacheOperationExpressionEvaluator.java

\*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/springframework/scheduling/support/CronSequenceGenerator.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/stereotype/Service.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/support/MessageSourceAccessor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/instrument/classloading/glassfish/GlassFishLoadTimeWeaver.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/support/PeriodicTrigger.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/concurrent/ScheduledExecutorTask.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/ComponentScanAnnotationParser.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/config/CacheNamespaceHandler.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/event/GenericApplicationListenerAdapter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/support/NullValue.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/assembler/MetadataMBeanInfoAssembler.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/EnvironmentAware.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/number/NumberStyleFormatter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/interceptor/NamedCacheResolver.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/validation/beanvalidation/MethodValidationPostProcessor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/annotation/NumberFormat.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/datetime/standard/DateTimeFormatterFactory.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/ConditionContext.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/support/NoOpCache.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/instrument/classloading/jboss/JBossModulesAdapter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/ContextAnnotationAutowireCandidateResolver.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/springframework/instrument/classloading/weblogic/WebLogicClassLoaderAdapter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/spring framework/instrument/classloading/websphere/WebSphereClassPreDefinePlugin.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/annotation/EnableCaching.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/interceptor/AbstractCacheInvoker.java

```
* /opt/cola/permits/1135864028_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/rmi/RemoteInvocationSerializingExporter.java
```

```
* /opt/cola/permits/1135864028_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jndi/TypeMismatchNamingException.java
```

```
* /opt/cola/permits/1135864028_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/MBeanExportConfiguration.java
```

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/access/MBeanClientInterceptor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/support/PostProcessorRegistrationDelegate.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/naming/KeyNamingStrategy.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/stereotype/Component.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/stereotype/Controller.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/metadata/ManagedMetric.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/instrument/classloading/ShadowingClassLoader.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/ClassPathScanningCandidateComponentProvider.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/instrument/classloading/tomcat/TomcatLoadTimeWeaver.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/support/SimpleCacheManager.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/annotation/AsyncAnnotationAdvisor.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2009 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* https://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/springframework/context/LifecycleProcessor.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/jmx/export/MBeanExportOperations.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/ScopedProxyCreator.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2012 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* https://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/ejb/config/LocalStatelessSessionBeanDefinitionParser.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/jmx/export/metadata/InvalidMetadataException.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/remoting/rmi/JndiRmiServiceExporter.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/remoting/RemoteInvocationFailureException.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/format/Formatter.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scripting/support/StaticScriptSource.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/annotation/SchedulingConfigurer.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/format/number/AbstractNumberFormatter.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/jndi/JndiTemplateEditor.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/interceptor/BeanFactoryCacheOperationSourceAdvisor.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/remoting/rmi/RmiProxyFactoryBean.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/validation/Validator.java

- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/support/DelegatingMessageSource.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/access/InvalidInvocationException.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/support/DefaultRemoteInvocationExecutor.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/RemoteProxyFailureException.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/config/SchedulerBeanDefinitionParser.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/ScopeMetadataResolver.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/validation/BindingErrorProcessor.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/MBeanExporterListener.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/naming/SelfNaming.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/naming/ObjectNamingStrategy.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scripting/ScriptSource.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/annotation/Annotation/MBeanExporter.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jndi/JndiTemplate.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/ejb/access/SimpleRemoteSlsbInvokerInterceptor.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/support/ObjectNameManager.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/Trigger.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/concurrent/ConcurrentMapCacheFactoryBean.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/config/SpringConfiguredBeanDefinitionParser.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/validation/beanvalidation/CustomValidatorBean.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/HierarchicalMessageSource.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/rmi/JndiRmiProxyFactoryBean.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/TriggerContext.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/instrument/classloading/LoadTimeWeaver.java
- \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/support/RemoteInvocationTraceInterceptor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/metadata/JmxAttributeSource.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jndi/JndiObjectTargetSource.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/naming/MetadataNamingStrategy.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/ApplicationContextException.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/event/ContextStoppedEvent.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/support/UrlBasedRemoteAccessor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/Jsr330ScopeMetadataResolver.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/rmi/RmiClientInterceptor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/Printer.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/access/ContextSingletonBeanFactoryLocator.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/access/InvocationFailureException.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/support/MBeanServerConnectionFactoryBean.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/validation/SmartValidator.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/access/MBeanInfoRetrievalException.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/config/ContextNamespaceHandler.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/validation/BindException.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/MBeanExportException.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/naming/IdentityNamingStrategy.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/config/MBeanExportBeanDefinitionParser.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/AnnotationConfigBeanDefinitionParser.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/support/RemoteInvocationBasedAccessor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/access/NotificationListenerRegistrar.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/ui/context/HierarchicalThemeSource.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/NoSuchMessageException.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/access/ContextJndiBeanFactoryLocator.java

```
* /opt/cola/permits/1135864028_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/ui/context/support/SimpleTheme.java
```

```
* /opt/cola/permits/1135864028_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/concurrent/ReschedulingRunnable.java
```

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/event/ContextClosedEvent.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/support/RegistrationPolicy.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/ejb/access/LocalStatelessSessionProxyFactoryBean.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/validation/AbstractBindingResult.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/ejb/config/JndiLookupBeanDefinitionParser.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/MessageSourceResolvable.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/notification/NotificationPublisher.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/support/AbstractXmlApplicationContext.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/validation/MessageCodesResolver.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/metadata/ManagedResource.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/support/RemoteInvocationUtils.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/support/LiveBeansViewMBean.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/ui/context/ThemeSource.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/NotificationListenerBean.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/SchedulingAwareRunnable.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/soap/SoapFaultException.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/ejb/config/RemoteStatelessSessionBeanDefinitionParser.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/ui/Model.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/ejb/config/JeeNamespaceHandler.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/rmi/RmiBasedExporter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/support/RemotingSupport.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/FormatterRegistrar.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/interceptor/CacheInterceptor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/LoadTimeWeavingConfigurer.java

 $* / opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/assembler/SimpleReflectiveMBeanInfoAssembler.java$ 

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/access/MBeanProxyFactoryBean.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/rmi/CodebaseAwareObjectInputStream.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/interceptor/CacheOperationSourcePointcut.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/SchedulingException.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scripting/support/RefreshableScriptTargetSource.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/ApplicationContextAware.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/JmxException.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scripting/groovy/GroovyObjectCustomizer.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jndi/JndiCallback.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/assembler/AbstractMBeanInfoAssembler.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/notification/ModelMBeanNotificationPublisher.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jndi/JndiObjectLocator.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/RemoteConnectFailureException.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/EnableMBeanExport.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/event/ContextStartedEvent.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/access/DefaultLocatorFactory.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/ui/context/Theme.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/assembler/MBeanInfoAssembler.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/instrument/classloading/SimpleLoadTimeWeaver.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/support/SimpleValueWrapper.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/jmx/access/MBeanConnectFailureException.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/ejb/access/LocalSlsbInvokerInterceptor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/support/ScheduledMethodRunnable.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/format/Parser.java

 $\label{eq:logs} $$ 'opt/cola/permits/1135864028_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/export/notification/UnableToSendNotificationException.java$ 

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/springframework/jmx/export/assembler/AutodetectCapableMBeanInfoAssembler.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/weaving/LoadTimeWeaverAware.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/support/ApplicationObjectSupport.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/TaskScheduler.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/rmi/RmiInvocationHandler.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/support/MBeanServerFactoryBean.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/support/RemoteAccessor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/ui/context/support/DelegatingThemeSource.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/RemoteLookupFailureException.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/ScopeMetadata.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/expression/BeanExpressionContextAccessor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/config/TaskNamespaceHandler.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/Phased.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jndi/JndiLookupFailureException.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/ejb/access/SimpleRemoteStatelessSessionProxyFactoryBean.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/interceptor/NameMatchCacheOperationSource.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/config/Task.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/validation/beanvalidation/BeanValidationPostProcessor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/weaving/LoadTimeWeaverAwareProcessor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/springframework/instrument/classloading/ResourceOverridingShadowingClassLoader.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/jmx/export/UnableToRegisterMBeanException.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/ui/context/support/UiApplicationContextUtils.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/validation/Errors.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/ejb/access/AbstractRemoteSlsbInvokerInterceptor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/validation/BindingResultUtils.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/support/DefaultRemoteInvocationFactory.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/support/DelegatingErrorHandlingRunnable.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/validation/beanvalidation/LocaleContextMessageInterpolator.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/springframework/instrument/classloading/InstrumentationLoadTimeWeaver.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/jmx/MBeanServerNotFoundException.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/ejb/access/EjbAccessException.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/event/ContextRefreshedEvent.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/rmi/RmiInvocationWrapper.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/event/ApplicationContextEvent.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/access/ContextBeanFactoryReference.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2018 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* https://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

Found in path(s):

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/remoting/support/RemoteInvocationBasedExporter.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/AnnotationConfigUtils.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/support/PropertySourcesPlaceholderConfigurer.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/BeanAnnotationHelper.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/validation/AbstractErrors.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/SmartLifecycle.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/ConfigurationClassUtils.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/jmx/export/MBeanExporter.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/annotation/ProxyCachingConfiguration.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/validation/ObjectError.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/validation/beanvalidation/SpringValidatorAdapter.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/support/AbstractValueAdaptingCache.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/Lifecycle.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/Scope.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/concurrent/ThreadPoolTaskExecutor.java \*/opt/cola/permits/1135864028 1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/jmx/support/MBeanRegistrationSupport.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/annotation/CachingConfigurerSupport.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/interceptor/CacheProxyFactoryBean.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/ConfigurationClassEnhancer.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/concurrent/ExecutorConfigurationSupport.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/event/GenericApplicationListener.java \*/opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/annotation/Scheduled.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/springframework/validation/FieldError.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/ConfigurableApplicationContext.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/cache/annotation/AnnotationCacheOperationSource.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/validation/DataBinder.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/concurrent/ThreadPoolExecutorFactoryBean.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/event/EventListenerMethodProcessor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/scheduling/annotation/ScheduledAnnotationBeanPostProcessor.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/EnableAspectJAutoProxy.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/AdviceMode.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/expression/BeanFactoryResolver.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/validation/beanvalidation/MethodValidationInterceptor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/DependsOn.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/validation/BindingResult.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scripting/support/ScriptFactoryPostProcessor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/annotation/SpringCacheAnnotationParser.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/concurrent/ConcurrentMapCache.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/remoting/rmi/RmiServiceExporter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/ejb/access/AbstractSlsbInvokerInterceptor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/PropertySource.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/event/SmartApplicationListener.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/event/SimpleApplicationEventMulticaster.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/annotation/CacheAnnotationParser.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/weaving/DefaultContextLoadTimeWeaver.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/annotation/EnableAsync.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

jar/org/springframework/cache/interceptor/CacheResolver.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/interceptor/AbstractCacheResolver.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/validation/DirectFieldBindingResult.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/AdviceModeImportSelector.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/interceptor/SimpleKey.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/interceptor/AbstractFallbackCacheOperationSource.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/support/AbstractMessageSource.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/jmx/export/assembler/AbstractReflectiveMBeanInfoAssembler.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/jmx/support/JmxUtils.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/ConfigurationClassBeanDefinitionReader.java \* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-

 $jar/org/spring framework/cache/config/Annotation Driven Cache Bean Definition Parser. \\ java and a standard a$ 

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/annotation/CachingConfigurationSelector.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/support/DefaultLifecycleProcessor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/annotation/ComponentScanBeanDefinitionParser.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/annotation/AnnotationConfigApplicationContext.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1jar/org/springframework/context/expression/StandardBeanExpressionResolver.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/validation/MessageCodeFormatter.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/interceptor/VariableNotAvailableException.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/validation/beanvalidation/LocalValidatorFactoryBean.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/validation/DefaultBindingErrorProcessor.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/validation/BeanPropertyBindingResult.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/cache/annotation/CachingConfigurer.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/scheduling/annotation/AsyncConfigurationSelector.java

\* /opt/cola/permits/1135864028\_1613617907.04/0/spring-context-4-3-26-release-sources-1-jar/org/springframework/context/event/DefaultEventListenerFactory.java

# 1.54 vertx-rx-gen 4.0.2

## 1.54.1 Available under license :

No license file was found, but licenses were detected in source scan.

#### /\*

- \* Copyright 2019 Red Hat, Inc.
- \*
- \* Red Hat licenses this file to you under the Apache License, version 2.0
- \* (the "License"); you may not use this file except in compliance with the
- \* License. You may obtain a copy of the License at:
- \*
- \* http://www.apache.org/licenses/LICENSE-2.0
- \*
- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
- \* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
- \* License for the specific language governing permissions and limitations
- \* under the License.
- \*/

Found in path(s):

\* /opt/cola/permits/1166659766\_1621461449.41/0/vertx-rx-gen-4-0-2-sourcesjar/io/vertx/lang/rx/MappingIterator.java No license file was found, but licenses were detected in source scan.

```
writer.println(" * Red Hat licenses this file to you under the Apache License, version 2.0");
writer.println(" * (the \"License\"); you may not use this file except in compliance with the");
writer.println(" * License. You may obtain a copy of the License at:");
writer.println(" * http://www.apache.org/licenses/LICENSE-2.0");
writer.println(" * distributed under the License is distributed on an \"AS IS\" BASIS, WITHOUT");
```

Found in path(s):

\* /opt/cola/permits/1166659766\_1621461449.41/0/vertx-rx-gen-4-0-2-sourcesjar/io/vertx/lang/rx/AbstractRxGenerator.java

# 1.55 mockito 3.2.4

## 1.55.1 Available under license :

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

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

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

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

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

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

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

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

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

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

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

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work,

excluding those notices that do not pertain to any part of the Derivative Works; and

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

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

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any

risks associated with Your exercise of permissions under this License.

- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

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

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

#### Copyright {yyyy} {name of copyright owner}

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

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,

#### WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

\_\_\_\_

#### Copyright (c) 2016 Mockito contributors

This program is made available under the terms of the MIT License.

====

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

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

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

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

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

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

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

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

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

"Derivative Works" shall mean any work, whether in Source or Object

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

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

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

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

- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

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

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

- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

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

Copyright (c) 2007 Mockito contributors

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

# 1.56 vertx-web-api-contract 4.0.2

## 1.56.1 Available under license :

Dual license: Apache-2.0, EPL-1.0 Apache License

Version 2.0, January 2004

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce,

prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

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

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

You must give any other recipients of the Work or Derivative Works a copy of this License; and You must cause any modified files to carry prominent notices stating that You changed the files; and You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

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

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

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

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

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or

conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

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

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

END OF TERMS AND CONDITIONS

# 1.57 vertx-codegen 4.0.2

## 1.57.1 Available under license :

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

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

"You" (or "Your") shall mean an individual or Legal Entity

exercising permissions granted by this License.

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

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

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

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

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

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

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

- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided

that such additional attribution notices cannot be construed as modifying the License.

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

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity,

or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

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

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

Copyright {yyyy} {name of copyright owner}

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

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

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

# 1.58 swagger 2.1.4

### 1.58.1 Available under license :

No license file was found, but licenses were detected in source scan.

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4\_0\_0.xsd">
<modelVersion>4.0.0</modelVersion>
<groupId>com.cpjit</groupId>
<artifactId>swagger4j</artifactId>
<packaging>jar</packaging>
<version>2.1.4</version>

<name>swagger4j</name>

<description>swagger4jswagger uiwebswagger4jstruts2spring mvcservlet</description>

<url>https://github.com/cpjit/swagger</url>

<developers>

<developer>

<id>yonghuan</id>

<name></name>

<email>2232911026@qq.com</email>

</developer>

</developers>

licenses>

license>

<name>Apache 2</name>

 $<\!\!url\!>\!\!http://www.apache.org/licenses/LICENSE-2.0.txt<\!\!/url\!>$ 

<distribution>repo</distribution>

<comments>A business-friendly OSS license</comments>

</license>

</licenses>

<distributionManagement>

<snapshotRepository>

<id>ossrh</id>

<url>https://oss.sonatype.org/content/repositories/snapshots</url>

</snapshotRepository>

<repository>

<id>ossrh</id>

<url>https://oss.sonatype.org/service/local/staging/deploy/maven2/</url>

</repository>

</distributionManagement>

<scm>

<connection>

scm:git:https://github.com/cpjit/swagger.git

</connection>

<developerConnection>

scm:git:https://github.com/cpjit/swagger.git

</developerConnection>

<url>https://github.com/cpjit/swagger</url>

 $<\!\!tag\!\!>\!\!v2.1.4\!<\!\!/tag\!\!>$ 

</scm>

<dependencies>

<dependency>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>4.10</version>

<scope>test</scope>

</dependency>

<dependency>

<groupId>org.apache.commons</groupId> <artifactId>commons-lang3</artifactId> <version>3.5</version> <scope>provided</scope> </dependency> <dependency> <groupId>commons-io</groupId> <artifactId>commons-io</artifactId> <version>2.5</version> <scope>provided</scope> </dependency> <dependency> <groupId>org.slf4j</groupId> <artifactId>slf4j-api</artifactId> <version>1.7.25</version> <scope>provided</scope> </dependency> <dependency> <groupId>com.alibaba</groupId> <artifactId>fastjson</artifactId> <version>1.2.29</version> <scope>provided</scope> </dependency> <dependency> <groupId>javax.servlet</groupId> <artifactId>javax.servlet-api</artifactId> <version>3.1.0</version> <scope>provided</scope> </dependency>

<dependency>

<groupId>org.apache.struts</groupId> <artifactId>struts2-core</artifactId> <version>2.3.8</version> <scope>provided</scope> </dependency>

<dependency>

<groupId>org.springframework</groupId> <artifactId>spring-webmvc</artifactId> <version>4.2.5.RELEASE</version> <scope>provided</scope> </dependency>

<dependency> <groupId>org.freemarker</groupId> <artifactId>freemarker</artifactId>

<version>2.3.23</version> </dependency>

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-core</artifactId>

<version>4.3.12.RELEASE</version>

<scope>provided</scope>

</dependency>

</dependencies>

<build>

<finalName>swagger4j</finalName>

<defaultGoal>compile</defaultGoal>

<plugins>

<plugin>

<groupId>org.sonatype.plugins</groupId>

<artifactId>nexus-staging-maven-plugin</artifactId>

<version>1.6.3</version>

<extensions>true</extensions>

<configuration>

 $<\!\!serverId\!\!>\!\!ossrh<\!\!/serverId\!\!>$ 

<nexusUrl>https://oss.sonatype.org/</nexusUrl>

<autoReleaseAfterClose>true</autoReleaseAfterClose>

</configuration>

</plugin>

<plugin>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-release-plugin</artifactId>

<version>2.5</version>

<configuration>

 $<\!\!autoVersionSubmodules\!\!>\!\!true\!<\!\!/autoVersionSubmodules\!\!>$ 

<useReleaseProfile>false</useReleaseProfile>

 $<\!\!releaseProfiles\!\!>\!\!release<\!\!/releaseProfiles\!\!>$ 

<goals>deploy</goals>

</configuration>

</plugin>

<plugin>

<artifactId>maven-jar-plugin</artifactId>

<configuration>

<classesDirectory>target/classes/</classesDirectory>

<archive>

<addMavenDescriptor>false</addMavenDescriptor>

</archive>

</configuration>

</plugin>

<plugin>

<groupId>org.apache.maven.plugins</groupId> <artifactId>maven-compiler-plugin</artifactId> <version>2.4</version> <configuration> <source>1.8</source> <target>1.8</target> <encoding>utf8</encoding> </configuration> </plugin> <plugin> <artifactId>maven-jar-plugin</artifactId> <configuration> <classesDirectory>target/classes/</classesDirectory> <archive> <addMavenDescriptor>false</addMavenDescriptor> </archive> </configuration> </plugin> <plugin> <groupId>org.apache.maven.plugins</groupId> <artifactId>maven-source-plugin</artifactId> <version>3.0.1</version> <configuration> <attach>true</attach> </configuration> <executions> <execution> <phase>compile</phase> <goals> <goal>jar</goal> </goals> </execution> </executions> </plugin> <plugin> <groupId>org.apache.maven.plugins</groupId> <artifactId>maven-javadoc-plugin</artifactId> <version>2.10.4</version>

<configuration>

 $<\!\!aggregate\!\!>\!\!true\!<\!\!/aggregate\!\!>$ 

<encoding>utf8</encoding>

<additionalparam>-Xdoclint:none</additionalparam>

</configuration>

<executions>

<execution>

<goals>

<goal>jar</goal>

</goals>

</execution>

</executions>

</plugin>

<plugin> <groupId>org.apache.maven.plugins</groupId> <artifactId>maven-gpg-plugin</artifactId> <version>1.5</version> <executions> <execution> <id>sign-artifacts</id> <phase>verify</phase> <goals> <goal>sign</goal> </goals> </execution> </executions> <configuration> <skip>false</skip> </configuration> </plugin> </plugins> </build> </project> Found in path(s):

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/pom.xml

No license file was found, but licenses were detected in source scan.

(function(){function

 $e() \{e.history=e.history||[],e.history.push(arguments),this.console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console&\&console.log(Array.prototype.slice.call(arguments),this.console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&\&console&&\console&&\console&&\console&&\console&&\console&&\co$ s)[0]) } !function() { var  $e=Handlebars.templates,t=Handlebars.templates=Handlebars.templates||{};t.apikey_auth=e({1:function(e,t,n,r,i)}var)$ a;return' <span class="key\_auth\_value">'+(null!=(a=(n.sanitize||t&&t.sanitize||n.helperMissing).call(null!=t?t:{},null!=t?t.value:t, {name:"sanitize",hash:{},data:i}))?a:"")+"</span>\n"},3:function(e,t,n,r,i){return' <input placeholder="api\_key" class="auth\_input input\_apiKey\_entry" name="apiKey" type="text"/>\n'},compiler:[7,">= 4.0.0"],main:function(e,t,n,r,i){var a,o=null!=t?t:{},s=n.helperMissing;return'<div class="key\_input\_container">\n <h3 class="auth\_\_title">Api key authorization</h3>\n <div class="auth\_\_description">'+(null!=(a=(n.sanitize||s).call(o,null!=t?t.description:t,{name:"sanitize",ha sh:{},data:i}))?a:"")+'</div>n < div>n<div class="key\_auth\_\_\_field">\n <span class="key\_auth\_label">name:</span>\n <span class="key\_auth\_value">'+(null!=(a=(n.escape||t&&t.escape||s).call(o,null!=t?t.name:t,{name:"escape",hash:{},dat  $<\!\!div\ class = "key_auth_field" \!\!> \!\!\! \backslash n$ a:i))? $a:"")+'</span>\n$  $</div>\n$ <span class="key\_auth\_label">in:</span>\n <span  $class="key_auth_value">'+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t["in"]:t, {name:"escape", hash: {}, dat is a construction of the secape of t$ 

 $a:i\}))?a:"")+'</span>\n </div>\n <<div class="key_auth_field">\n <<span>$ 

 $class="key_auth_label">value:</span>\n'+(null!=(a=n["if"].call(o,null!=t?t.isLogout:t,{name:"if",hash:{},fn:e.program(1,i,0),inverse:e.program(3,i,0),data:i}))?a:"")+" </div>$ 

 $<\!\!/div>\!\!n<\!\!/div>\!\!n"\,useData:!0\),t.auth\_button=e(\{compiler:[7,">= 4.0.0"],main:function(e,t,n,r,i)\{return"< a class='authorize\_btn'$ 

 $href=\"#\">Authorize</a>\n"},useData:!0}),t.auth_button_operation=e({1:function(e,t,n,r,i){return"} uthorize btn operation login\n"},3:function(e,t,n,r,i){return"}$ 

authorize\_\_btn\_operation\_logout\n"},5:function(e,t,n,r,i){var a;return' <ul class="authorize-

 $scopes">\n'+(null!=(a=n.each.call(null!=t?t:{},null!=t?t.scopes:t,{name:"each",hash:{},fn:e.program(6,i,0),inverse:e...noop,data:i}))?a:"")+" 

.noop,data:i}))?a:"")+" 

.li class="authorize_scope"$ 

 $title=''+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.description:t, {name:"escape",hash:{},data:i}))?a:"'')+''' >'+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.scope:t, {name:"escape",hash:{},data:i}))?a:''')+''$ 

 $authorize\_btn\_operation\n'+(null!=(a=n["if"].call(o,null!=t?t.isLogout:t,{name:"if",hash:{},fn:e.program(1,i,0),inverse:e.program(3,i,0),data:i}))?a:"")+"'>\n'+(null!=(a=n["if"].call(o,null!=t?t.scopes:t,{name:"if",hash:{},fn:e.program(1,i,0),inverse:e.noop,data:i}))?a:"")+"'</div>\n"},useData:!0}),t.auth\_view=e({1:function(e,t,n,r,i){return' <button type="button" class="auth__button auth_submit__button" data-sw-$ 

 $\label{eq:translate} auth_orize</button>\n'},3:function(e,t,n,r,i){return'} <button type="button" class="auth_button" auth_logout_button" data-sw-translate>Logout</button>\n'},compiler:[7,">= 4.0.0"],main:function(e,t,n,r,i){var a,o=null!=t?t:{}:return'<div class="auth container">\n\n <div class="auth inner"></div>$ 

 $\label{eq:class="auth_submit">\n'+(null!=(a=n.unless.call(o,null!=t?t.isLogout:t, {name:"unless",hash:{},fn:e.program(1,i,0),i nverse:e.noop,data:i}))?a:"")+(null!=(a=n["if"].call(o,null!=t?t.isAuthorized:t, {name:"if",hash:{},fn:e.program(3,i,0),inverse:e.noop,data:i}))?a:"")+" </div>\n\n</div>\n"},useData:!0}),t.basic_auth=e({1:function(e,t,n,r,i){return" - authorized"},3:function(e,t,n,r,i){var a;return'}} <<pre>span$ 

 $\label{eq:class="basic_auth_value">+(null!=(a=(n.escape||n.helperMissing).call(null!=t?t:{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},null!=t?t.{},nu$ 

placeholder="username" class="basic\_auth\_username auth\_input" name="username"

type="text"/>n'},7:function(e,t,n,r,i){return' <div class="auth label">n <span

class="basic\_auth\_label" data-sw-translate>password:</span>\n <input required placeholder="password" class="basic\_auth\_password auth\_input" name="password" type="password"/></label>\n

</div>/n'},compiler:[7,">= 4.0.0"],main:function(e,t,n,r,i){var a,o=null!=t?t:{};return"<div</pre>

class='basic\_auth\_container'>\n <h3 class=\"auth\_title\">Basic

 $authentication"+(null!=(a=n["if"].call(o,null!=t?t.isLogout:t,{name:"if",hash:{},fn:e.program(1,i,0),inverse:e.noop,d ata:i}))?a:"")+'</h3> n <form class="basic_input_container">n <div$ 

```
\label{linear} class="auth_description">'+(null!=(a=(n.sanitize||t&&t.sanitize||n.helperMissing).call(o,null!=t?t.description:t, {na me:"sanitize",hash:{},data:i}))?a:"")+'</div>\n <div class="auth_label">\n <span class="basic_auth_label" data-sw-
```

```
translate>username:</span>\n'+(null!=(a=n["if"].call(o,null!=t?t.isLogout:t,{name:"if",hash:{},fn:e.program(3,i,0),inverse:e.program(5,i,0),data:i}))?a:"")+"
```

```
 </div>\n"+(null!=(a=n.unless.call(o,null!=t?t.isLogout:t,{name:"unless",hash:{},fn:e.program(7,i,0),inverse:e.noop, data:i}))?a:"")+" </form>\n</div>\n",useData:!0}),t.content_type=e({1:function(e,t,n,r,i){var a;return}}))
```

```
null!=(a=n.each.call(null!=t?t:{},null!=t?t.froduces:t,{name:"each",hash:{},fn:e.program(2,i,0),inverse:e.noop,data:
i}))?a:""},2:function(e,t,n,r,i){var a,o=null!=t?t:{},s=n.helperMissing;return'\t<option</pre>
```

```
value="'+(null!=(a=(n.sanitize||t\&\&t.sanitize||s).call(o,t,{name:"sanitize",hash:{},data:i}))?a:"")+"'>'+(null!=(a=(n.sanitize||t\&\&t.sanitize||s).call(o,t,{name:"sanitize",hash:{},data:i}))?a:"")+"</option>\n"},4:function(e,t,n,r,i){return' <option value="application/json">application/json</option>\n'},compiler:[7,">= 4.0.0"],main:function(e,t,n,r,i){var a,o=null!=t?t:{},s=n.helperMissing;return'<label data-sw-translate
```

for=""+(null!=(a=(n.escape||t&&t.escape||s).call(o,null!=t?t.contentTypeId:t,{name:"escape",hash:{},data:i}))?a:"")+ "'>Response Content Type</label>\n<select name="contentType"

 $\label{eq:id="+(null!=(a=(n.escape||t&&t.escape||s).call(o,null!=t?t.contentTypeId:t,{name:"escape",hash:{},data:i}))?a:"")+' ">\n'+(null!=(a=n["if"].call(o,null!=t?t.produces:t,{name:"if",hash:{},fn:e.program(1,i,0),inverse:e.program(4,i,0),d ata:i}))?a:"")+"</select>\n"},useData:!0}),t.main=e({1:function(e,t,n,r,i)}{var}))?a:"")+"</select>\n"},useData:!0}),t.main=e({1:function(e,t,n,r,i)}{var}))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?a:"")+"(ata:i))?ata:i))?ata:i)]*")+"(ata:i))?ata:i))?ata:i)]*'(ata:i))?ata:i)]*")+"(ata:i))?ata:i)]*'(ata:i))?ata:i)]*'(ata:i))?ata:i)]*'(ata:i))?ata:i)]*'(ata:i)]*'(ata:i))?ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i))?ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata:i)]*'(ata$ 

a,o=null!=t?t:{},s=n.helperMissing;return' <div

 $\label{eq:class="info_title">+(null!=(a=(n.sanitize||t\&\&t.sanitize||s).call(o,null!=(a=null!=t?t.info:t)?a.title:a,{name:"sanitize", hash:{}, data:i}))?a:"")+'</div>\n <div class="info_description"$ 

 $markdown">'+(null!=(a=(n.sanitize||t\&\&t.sanitize||s).call(o,null!=(a=null!=t?t.info:t)?a.description:a, {name:"sanitize||s}, ata:i}))?a:"")+"</div>n"+(null!=(a=n["if"].call(o,null!=t?t.externalDocs:t, {name:"if", hash:{}, fn:e.program(2,i,0), inverse:e.noop, data:i}))?a:"")+"$ 

 $"+(null!=(a=n["if"].call(o,null!=(a=null!=t?t.info:t)?a.termsOfServiceUrl:a, {name:"if",hash:{},fn:e.program(4,i,0),inverse:e.noop,data:i}))?a:"")+"\n$ 

 $"+(null!=(a=n["if"].call(o,null!=(a=null!=t?t.info:t)?a.contact:a)?a.name:a,{name:"if",hash:{},fn:e.program(6,i,0),inverse:e.noop,data:i}))?a:"")+"\n$ 

 $"+(null!=(a=n["if"].call(o,null!=(a=null!=t?t.info:t)?a.contact:a)?a.url:a,{name:"if",hash:{},fn:e.program(8, i,0),inverse:e.noop,data:i}))?a:"")+"\n$ 

 $"+(null!=(a=n["if"].call(o,null!=(a=null!=t?t.info:t)?a.contact:a)?a.email:a,{name:"if",hash:{},fn:e.program(10,i,0),inverse:e.noop,data:i}))?a:"")+"\n$ 

 $"+(null!=(a=n["if"].call(o,null!=(a=null!=t?t.info:t)?a.license:a,{name:"if",hash:{},fn:e.program(12,i,0),inverse:e.no op,data:i}))?a:"")+"\n"},2:function(e,t,n,r,i){var a,o=null!=t?t:{},s=n.helperMissing;return"}$ 

 $<\!\!p>"+(null!=(a=(n.sanitize||t\&\&t.sanitize||s).call(o,null!=(a=null!=t?t.externalDocs:t)?a.description:a,{name:"sanitize", hash:{}, data:i}))?a:"")+'<\!\!/p>\!\!/n <\!\!a$ 

href="'+(null!=(a=(n.escape||t&&t.escape||s).call(o,null!=(a=null!=t?t.externalDocs:t)?a.url:a,{name:"escape",hash:{},data:i}))?a:"")+""

href="'+(null!=(a=(n.escape||t&&t.escape||n.helperMissing).call(null!=t?t:{},null!=(a=null!=t?t.info:t)?a.termsOfSer viceUrl:a,{name:"escape",hash:{},data:i}))?a:"")+"' data-sw-translate>Terms of

service</a></div>'},6:function(e,t,n,r,i){var a;return"<div><div class='info\_name' style=\"display: inline\" data-sw-translate>Created by </div>

 $"+(null!=(a=(n.escape||t\&\&t.escape||n.helperMissing).call(null!=t?t:{},null!=(a=null!=(a=null!=t?t.info:t)?a.contact: a)?a.name:a,{name:"escape",hash:{},data:i}))?a:"")+"</div>"},8:function(e,t,n,r,i){var}$ 

a,o=null!=t?t:{},s=n.helperMissing;return"<div class='info\_url' data-sw-translate>See more at <a

 $\label{eq:href=} $$ href=:=(a=(n.escape||t\&\&t.escape||s).call(o,null!=(a=null!=t?t.info:t)?a.contact:a)?a.url:a, {name:" escape",hash: {},data:i}))?a:"")+"">'+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=(a=null!=(a=null!=t?t.info:t)?a.contact:a)?a.url:a, {name:" escape",hash: {},data:i}))?a:"")+"</a>$ 

a,o=null!=t?t:{},s=n.helperMissing;return'<div class=\'info\_email\'><a target="\_parent"

 $\label{eq:here} href="mailto:'+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=(a=null!=t?t.info:t)?a.contact:a)?a.email:a, {name:"escape",hash:{},data:i}))?a:"")+"?subject="+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=(a=null!=t?t.info:t)?a.title:a, {name:"escape",hash:{},data:i}))?a:"")+"" data-sw-translate>Contact the \label{eq:hash:}$ 

 $developer </a></div>' \}, 12: function (e,t,n,r,i) \{var a,o=null!=t?t: \{\},s=n.helperMissing; return"<divar a,o=null!=t?t: \{\},s=n.helperMissing; return"<divar$ 

 $class='info\_license'><a target=\"_blank\"$ 

href="'+(null!=(a=(n.escape||t&&t.escape||s).call(o,null!=(a=null!=t?t.info:t)?a.license:a)?a.url:a,{name:"es
cape",hash:{},data:i}))?a:"')+"'>"+(null!=(a=(n.escape||t&&t.escape||s).call(o,null!=(a=null!=(a=null!=t?t.info:t)?a.l
icense:a)?a.name:a,{name:"escape",hash:{},data:i}))?a:"")+"</a></div>"},14:function(e,t,n,r,i){var a;return' ,
<span style="font-variant: small-caps" data-sw-translate>api version</span>:

 $+(null!=(a=(n.escape||t\&\&t.escape||n.helperMissing).call(null!=t?t:{},null!=(a=null!=t?t.info:t)?a.version:a,{name:"} a.version:a,{name:"} a.version:{} a.version:a,{name:"} a.version:{} a.ve$ 

 $escape",hash: \{ \}, data: i \}))?a:"")+" \ " \ \}, 16: function(e,t,n,r,i) \{ var a,o=null!=t?t: \{ \},s=n.helperMissing; return' < span style="float:right"><a target="__blank" \ (span) \$ 

 $\label{eq:linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_line$ 

 $src="'+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.validatorUrl:t, {name:"escape",hash:{},data:i}))?a:"")+"?$  $url="+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.url:t, {name:"escape",hash:{},data:i}))?a:"")+"'></a>\n </span>\n'},compiler:[7,">= 4.0.0"],main:function(e,t,n,r,i){var a,o=null!=t?t:{};return"<div class='info'$ 

id='api\_info'>\n"+(null!=(a=n["if"].call(o,null!=t?t.info:t,{name:"if",hash:{},fn:e.program(1,i,0),inverse:e.noop,data :i}))?a:"")+"</div>\n<div class='container' id='resources\_container'>\n <div class='authorize-wrapper'></div>\n\n \n\n <div class=\"footer\">\n <h4 style=\"color: #999\">[ <span style=\"font-variant: small-caps\">base url</span>:

 $"+(null!=(a=(n.escape||t\&\&t.escape||n.helperMissing).call(o,null!=t?t.basePath:t,{name:"escape",hash:{},data:i}))?a:"")+"\n"+(null!=(a=n["if"].call(o,null!=t?t.info:t)?a.version:a,{name:"if",hash:{},fn:e.program(14,i,0),inverse:e.noop,data:i}))?a:"")+"]\n"+(null!=(a=n["if"].call(o,null!=t?t.validatorUrl:t,{name:"if",hash:{},fn:e.program(16, i,0),inverse:e.noop,data:i}))?a:"")+" </hd>$ 

</div>\n</div>\n"},useData:!0}),t.oauth2=e({1:function(e,t,n,r,i){var a;return"Authorization URL:

"+(null!=(a=(n.sanitize||t&&t.sanitize||n.helperMissing).call(null!=t?t:{},null!=t?t:authorizationUrl:t,{name:"sanitize ",hash:{},data:i}))?a:"")+""},3:function(e,t,n,r,i){var a;return"Token URL:

"+(null!=(a=(n.sanitize||t&&t.sanitize||n.helperMissing).call(null!=t?t:{},null!=t?t.tokenUrl:t,{name:"sanitize",hash: {},data:i}))?a:"")+""},5:function(e,t,n,r,i){return' Please input username and password for password flow authorization\n <fieldset>\n <div><label>Username: <input class="oauth-username" type="text" name="username"></label></div>\n <div><label>Password: <input class="oauth-password" type="password" name="password"></label></div>\n </label>Password: <input class="oauth-password"

authentication."+(null!=(a=n["if"].call(null!=t?t:{},null!=t?t.requireClientAuthentication:t,{name:"if",hash:{},fn:e.p rogram(8,i,0),inverse:e.noop,data:i}))?a:"")+'\n <fieldset>\n <div><label>Type:\n <select class="oauth-client-authentication-type" name="client-authentication-type">\n <option value="none" <option value="basic">Basic auth</option>\n selected>None or other</option>\n <option value="request-body">Request body</option>\n </select>\n </label></div>\n <div class="oauth-client-authentication" hidden>\n <div><label>ClientId: <input class="oauth-client-id" type="text" name="client-id"></label></div>\n <div><label>Secret: <input class="oauth-client-secret" type="text" name="client-secret"></label></div>\n </div>\n

</fieldset>\n'},8:function(e,t,n,r,i){return"(Required)"},10:function(e,t,n,r,i){var

a,o=null!=t?t:{},s=n.helperMissing;return' \n <input class="oauth-scope" type="checkbox"

 $\label{eq:constraint} data-scope="'+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.scope:t,{name:"escape",hash:{},data:i}))?a:"")+"' oauthtype="'+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.OAuthSchemeKey:t,{name:"escape",hash:{},data:i}))?a:"")+"'>\n$ 

 $< label>'+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.scope:t,{name:"escape",hash:{},data:i}))?a:"")+'</label>to the secape of the$ 

 $\label{eq:listical_desc_states} desc_{+(null!=(a=(n.escape||t&&t.escape||s).call(o,null!=t?t.description:t, {name:"escape",hash: { },data:i }))?a:"")+" \\ n"+(null!=(a=n["if"].call(o,null!=t?t.OAuthSchemeKey:t, {name:"if",hash: { },fn:e.program(11,i,0),inverse:e.noop,dat a:i }))?a:"")+" </ states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/states/stat$ 

 $("+(null!=(a=(n.escape||t&&t.escape||n.helperMissing).call(null!=t?t:{},null!=t?t.OAuthSchemeKey:t,{name:"escape",hash:{},dta:i}))?a:"")+")\n"},compiler:[7,">= 4.0.0"],main:function(e,t,n,r,i){var})$ 

 $a,o=null!=t?t: \{\},s=n.helperMissing; return'<\!div>\!n <\!h3 class="auth_title">OAuth2.0<\!/h3>\!\!n$ 

 $"+(null!=(a=n["if"].call(o,null!=t?t.authorizationUrl:t,{name:"if",hash:{},fn:e.program(1,i,0),inverse:e.noop,data:i}))?a:"")+"\n$ 

 $\label{eq:alpha} $$ "+(null!=(a=n["if"].call(o,null!=t?t.tokenUrl:t,{name:"if",hash:{},fn:e.program(3,i,0),inverse:e.noop,data:i}))?a:"")+ "\n flow:$ 

<h4><span data-sw-translate>Warning: Deprecated</span></h4>\n"},5:function(e,t,n,r,i){var a;return' <h4><span data-sw-translate>Implementation Notes</span></h4>\n <div

 $\label{eq:class="markdown">'+(null!=(a=(n.sanitize||t\&\&t.sanitize||n.helperMissing).call(null!=t?t:{},null!=t?t.description:t,{name:"sanitize",hash:{},data:i}))?a:"")+"</div>n"},7:function(e,t,n,r,i){return" <div class='authorize-wrapper_operation'></div>n"},9:function(e,t,n,r,i){var a,o=null!=t?t:{};return' <div class="response-class">\n <h4><span data-sw-translate>Response Class</span> (<span data-sw-translate>Status</span> (<$ 

 $\label{eq:constraint} $$ '+(null!=(a=(n.escape||t&&t.escape||n.helperMissing).call(o,null!=t?t.successCode:t,{name:"escape",hash:{},data:i}) )?a:"")+")</hd>$ 

 $class="markdown">+(null!=(a=(n.sanitize||t\&\&t.sanitize||n.helperMissing).call(null!=t?t:{},null!=t?t.successDescritered).call(null!=t?t:{},null!=t?t.successDescritered).call(null!=t?t:{},null!=t?t.successDescritered).call(null!=t?t:{},null!=t?t.successDescritered).call(null!=t?t:{},null!=t?t.successDescritered).call(null!=t?t:{},null!=t?t.successDescritered).call(null!=t?t:{},null!=t?t.successDescritered).call(null!=t?t:{},null!=t?t.successDescritered).call(null!=t?t:{},null!=t?t.successDescritered).call(null!=t?t:{},null!=t?t.successDescritered).call(null!=t?t:{},null!=t?t.successDescritered).call(null!=t?t:{},null!=t?t.successDescritered).call(null!=t?t:{},null!=t?t.successDescritered).call(null!=t?t:{},null!=t?t.successDescritered).call(null!=t?t:{},null!=t?t.successDescritered).call(null!=t?t:{},null!=t?t.successDescritered).call(null!=t?t:{},null!=t?t.successDescritered).call(null!=t?t:{},null!=t?t.successDescritered).call(null!=t?t:{},null!=t?t.successDescritered).call(null!=t?t:{},null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescritered).call(null!=t?t.successDescriter$ ption:t,{name:"sanitize",hash:{},data:i}))?a:"")+"</div>"},12:function(e,t,n,r,i){var a;return' <h4 data-swtranslate>Headers</h4>\n \n <thead>\n \n <th style="width: 100px; max-width: 100px" data-sw-translate>Header <th style="width: 310px; maxwidth: 310px" data-sw-translate>Description\n <th style="width: 200px; max-width: 200px" data-swtranslate>Type\n Other \n </thead>\n

 $\n'+(null!=(a=n.each.call(null!=t?t:{},null!=t?t.{},aame:"each",hash:{},fn:e.program(13,i,0),inverse::e.noop,data:i}))?a:"")+" \n \n"},13:function(e,t,n,r,i){var}$ 

a,o,s=null!=t?t:{},l=n.helperMissing;return" \n

 $<\!\!td\!\!>\!\!"+\!e.escapeExpression((o=\!null!=\!(o=\!n.key|\!|i\&\&i.key)?o:\!l,"function"=\!=\!typeof$ 

 $o?o.call(s,{name:"key",hash:{},data:i}):o))+"$ 

 $"+(null!=(a=(n.sanitize||t\&\&t.sanitize||l).call(s,null!=t?t.description:t,{name:"sanitize",hash:{},data:i}))?a:"")+"$ 

 $"+(null!=(a=(n.escape||t&&t.escape||l).call(s,null!=t?t.type:t,{name:"escape",hash:{},data:i}))?a:"")+"$ 

 $\label{eq:lass} $$ $ \frac{15:function(e,t,n,r,i){return' <h4 data-sw-translate>Parameters</h4>n \n <thead>\n n$ 

Parameter Type\n <th style="width:

220px; max-width: 230px" data-sw-translate>Data Type\n \n  $</thead>\n$ <tbody \n'},17:function(e,t,n,r,i){return" class="operation-params"> $n\n$  $\n$ <div style='margin:0;padding:0;display:inline'></div>\n <h4 data-sw-translate>Response Messages</h4>\n \n \n HTTP <thead>\n Status Code\n Reason\n Response Model\n Headers\n  $\n$ </thead>\n <tbody  $class = \"operation-status" > \n$  $\n$ 

 $\n", 19: function(e,t,n,r,i) {return"}, 21: function(e,t,n,r,i) {return"} < div class='s and box_header'> \n <input class='s ubmit' type='s ubmit' value='Try it out!' data-sw-translate/> \n <a href='#' class='response_hider' style='display:none' data-sw-translate>Hide Response</a> \n <span class='response_throbber' style='display:none'></span> \n </div> \n"}, 23: function(e,t,n,r,i) {return"} <h data-sw-translate>Request Headers</h data-sw-translate>lock request_headers'></div> \n"}, compiler:[7,">= 4.0.0"], main: function(e,t,n,r,i) {var a,o=null!=t?t: {}, s=n.helperMissing, l=e.escapeExpression; return" <u class='operations'> \n \n <</li>$ 

 $class=''+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.method:t,{name:"escape",hash:{},data:i}))?a:"'')+"operation'$ 

 $\label{eq:id=:::id=:::escape::hash:{},data:i}))?a::::)+:::(name:::escape::hash:{},data:i}))?a::::)+:::(name:::escape::hash:{},data:i}))?a::::)+:::(name:::escape::hash:{},data:i}))?a::::)+:::(name:::escape::hash:{},data:i}))?a::::)+::(name:::escape::hash:{},data:i}))?a::::)+::(name:::escape::hash:{},data:i}))?a::::)+::(name:::escape::hash:{},data:i}))?a::::)+::(name:::escape::hash:{},data:i}))?a::::)+::(name:::escape:::hash:{},data:i}))?a::::)+::(name:::escape:::hash:{},data:i}))?a::::)+::(name:::escape:::hash:{},data:i}))?a::::)+::(name:::escape:::hash:{},data:i}))?a::::)+::(name:::escape:::hash:{},data:i}))?a::::)+::(name::::hash:!))?a::::)+::(name:::escape:::hash:!))?a::::)+::(name::::hash:!))?a::::)+::(name::::hash:!))?a::::)+::(name::::hash:!))?a::::)+::(name::::hash:!))?a::::)+::(name::::hash:!))?a::::)+::(name:::::hash:!))?a::::)+::(name:::::hash:!))?a::::)+::(name::::::)hash:!(name:::::))?a::::)+::(name:::::)hash:!(name:::::)hash:!(name::::)hash:!(name::::)hash:!(name::::)hash:!(name::::)hash:!(name::::)hash:!(name::::)hash:!(name::::)hash:!(name::::)hash:!(name::::)hash:!(name::::)hash:!(name::::)hash:!(name:::)hash:!(name::::)hash:!(name::::)hash:!(name::::)hash:!(name::::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name::::)hash:!(name:::)hash:!(name::::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)hash:!(name:::)h$ 

 $\label{eq:herein} href='\#!/"+l((n.sanitize||t\&\&t.sanitize||s).call(o,null!=t?t.encodedParentId:t, \{name:"sanitize",hash: \{ \}, data:i \}))+"/"+l((n.sanitize||t\&\&t.sanitize||s).call(o,null!=t?t.nickname:t, \{name:"sanitize",hash: { }, data:i \}))+"/"+l((n.sanitize||s).call(o,null!=t?t.nickname:t, {$ 

 $\label{eq:class="toggleOperation">+(null!=(a=(n.escape||s).call(o,null!=t?t.method:t,{name:"escape",hash:{},data:i}))?a:"")+"</a>n <<pre>span class='path'>n <a</pre>$ 

 $\label{eq:linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_line$ 

class=\"toggleOperation

 $\label{eq:call} $$ '+(null!=(a=n["if"].call(o,null!=t?t.deprecated:t,{name:"if",hash:{},fn:e.program(1,i,0),inverse:e.noop,data:i}))?a:"" )+'">'+(null!=(a=(n.escape||t&&t.escape||s).call(o,null!=t?t.path:t,{name:"escape",hash:{},data:i}))?a:"")+"</a>$ 

 $(n.sanitize \| t\&\&t.sanitize \| s).call(o,null!=t?t.nickname:t, \{name:"sanitize",hash: \{ \}, data:i \})) + "(n.sanitize \| t\&\&t.sanitize \| s).call(o,null!=t?t.nickname:t, \{name:"sanitize",hash: \{ \}, data:i \})) + "(name:"sanitize \| t\&\&t.sanitize \| s).call(o,null!=t?t.nickname:t, \{name:"sanitize",hash: \{ \}, data:i \})) + "(name:"sanitize \| t\&\&t.sanitize \| s).call(o,null!=t?t.nickname:t, \{name:"sanitize",hash: \{ \}, data:i \})) + "(name:"sanitize \| t\&\&t.sanitize \| t\&barrier(t,t) \| t& tabarrier(t,t) \| t& tabar$ 

class="toggleOperation"><span

 $\label{eq:class="markdown">+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.summary:t,{name:"escape",hash:{},data:i}))?a:"")+"</span></a>\n$ 

 $id=''+l((n.sanitize||t\&\&t.sanitize||s).call(o,null!=t?t.encodedParentId:t,{name:"sanitize",hash:{},data:i}))+"_"+l((n.sanitize||t\&\&t.sanitize||s).call(o,null!=t?t.nickname:t,{name:"sanitize",hash:{},data:i}))+"_content'$ 

 $style='display:none'>\n"+(null!=(a=n["if"].call(o,null!=t?t.deprecated:t,{name:"if",hash:{},fn:e.program(3,i,0),inverse: e.noop,data:i}))?a:"")+(null!=(a=n["if"].call(o,null!=t?t.description:t,{name:"if",hash:{},fn:e.program(5,i,0),inverse: e.noop,data:i}))?a:"")+(null!=(a=n["if"].call(o,null!=t?t.security:t,{name:"if",hash:{},fn:e.program(7,i,0),inverse: e.noop,data:i}))?a:"")+(null!=(a=n["if"].call(o,null!=t?t.type:t,{name:"if",hash:{},fn:e.program(9,i,0),inverse: e.noop,data:i}))?a:"")+(null!=(a=n["if"].call(o,null!=t?t.type:t,{name:"if",hash:{},fn:e.program(9,i,0),inverse: e.noop,data:i}))?a:"")+"\n"+(null!=(a=n["if"].call(o,null!=t?t.type:t,{name:"if",hash:{},fn:e.program(12,i,0),inverse: e.noop,data:i}))?a:"")+"\n"+(null!=(a=n["if"].call(o,null!=t?t.type:t,{name:"if",hash:{},fn:e.program(12,i,0),inverse: e.noop,data:i}))?a:"")+"\n" <form accept-charset='UTF-8' class='sandbox'>\n <div$ 

 $style='margin:0;padding:0;display:inline'></div>\n"+(null!=(a=n["if"].call(o,null!=t?t.parameters:t,{name:"if",hash: {},fn:e.program(15,i,0),inverse:e.noop,data:i}))?a:"")+(null!=(a=n["if"].call(o,null!=t?t.responseMessages:t,{name:"if",hash: {},fn:e.program(17,i,0),inverse:e.noop,data:i}))?a:"")+(null!=(a=n["if"].call(o,null!=t?t.isReadOnly:t,{name: "if",hash: {},fn:e.program(17,i,0),inverse:e.noop,data:i})))$ 

:"if",hash:{},fn:e.program(19,i,0),inverse:e.program(21,i,0),data:i}))?a:"")+" </form>\n <div class='response' style='display:none'>\n <h4 class='curl'>Curl</h4>\n <div class='block curl'></div>\n <h4 data-sw-translate>Request URL</h4>\n <div class='block

Open Source Used In Edge Intelligence Cloud\_2.2 398

request url></div>\n"+(null!=(a=n["if"].call(o,null!=t?t.showRequestHeaders:t,{name:"if",hash:{},fn:e.program(23) ,i,0),inverse:e.noop,data:i}))?a:"")+" <h4 data-sw-translate>Response Body</h4>\n <div class='block response\_body'></div>\n <h4 data-sw-translate>Response Code</h4><div class='block response\_code'></div>\n <h4 data-sw-translate>Response Headers</h4>\n <div class='block </div>\n \n response headers'></div>\n </div>\n \n"},useData:!0}),t.param=e({1:function(e,t,n,r,i){var a;return  $null!=(a=n["if"].call(null!=t?t:{},null!=t?t.isFile:t,{name:"if",hash:{},fn:e.program(2,i,0),inverse:e.program(4,i,0),da$ ta:i}))?a:""},2:function(e,t,n,r,i){var a,o=null!=t?t:{},s=n.helperMissing;return'\t\t<input type="file"  $name= "+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.name:t,{name:"escape",hash:{},data:i}))?a:"")+""$  $id=''+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"'')+''/>/n/t/t$  $t < div class = "parameter-content-type" />\n'}, 4: function(e,t,n,r,i){var a; return}$  $null!=(a=n["if"].call(null!=t?t:{},null!=t?t["default"]:t,{name:"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,name):"if",hash:{},fn:e.program(5,i,0),inverse:e.program(5,i,0),inverse:e.program(5,i,0),inverse:e.program(5,i,0),inverse:e.program(5,i,0),inverse:e.program(5,i,0),inverse:e.program(5,i,0),inverse:e.program(5,i,0),inverse:e.program(5,i,0),inverse:e.program(5,i,0),inverse:e.program(5,i,0),inverse:e.program(5,i,0),inverse:e.program(5,i,0),inverse:e.program(5,i,0),inverse:e.program(5,i,0),inverse:e.program(5,i,0),inverse:e.program(5,i,0),inverse:e.program(5,i,0),inverse:e.program(5,i,0),inverse:e.program(5,i,0),inverse:$ 0),data:i}))?a:""},5:function(e,t,n,r,i){var a,o=null!=t?t:{},s=n.helperMissing;return"\t\t\t\cdiv class=\"editor\_holder\"></div>\n\t\t\t<textarea class='body-textarea'  $name=''+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.name:t,{name:"escape",hash:{},data:i}))?a:''')+'''$  $id=''+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:''')+''>''+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:''')+'''>''+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:''')+'''>''+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:''')+'''>''+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:''')+'''>''+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:''')+'''>''+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:''')+''')+''')+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:''')+''')+''')+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:''')+''')+''')+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:''')+''')+''')+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:''')+''')+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:''')+''')+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:''')+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:''')+(null!=t?t.valueId:t,{},data:i}))?a:''')+(null!=t?t.valueId:t,{},data:i}))?a:''')+(null!=t?t.valueId:t,{},data:i}))?a:''')+(null!=t?t.valueId:t,{},data:i}))?a:''')+(null!=t?t.valueId:t,{},data:i}))?a:''')+(null!=t?t.valueId:t,{},data:i}))?a:''')+(null!=t?t.valueId:t,{},data:i}))?a:''')+(null!=t?t.valueId:t,{},data:i}))?a:''')+(null!=t?t.valueId:t,{},data:i})))?a:''')+(null!=t?t.valueId:t,{},data:i})))?a:''')+(null!=t?t.valueId:t,{},data:i})))?a:''')+(null!=t?t.valueId:t,{},data:i}))))$  $ull!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t["default"]:t, {name:"escape", hash: {}, data:i}))?a:"")+'</textarea> name: the secape is the secape is$ <div class="parameter-content-type" />\n'},7:function(e,t,n,r,i){var}  $\langle br / \rangle \langle n$ a,o=null!=t?t:{},s=n.helperMissing;return"\t/t/t/t<textarea class='body-textarea'

 $name='''+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.name:t,{name:"escape",hash:{},data:i}))?a:"'')+''' id='''+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:''')+''/></texturea>\n/t/t/t/<div class="editor_holder"></div>/n/t/t/t</div class="parameter-content-type" />\n'},9:function(e,t,n,r,i){var a;return}$ 

 $\label{eq:null} null!=(a=n["if"].call(null!=t?t:{},null!=t?t.isFile:t,{name:"if",hash:{},fn:e.program(2,i,0),inverse:e.program(10,i,0), data:i}))?a:""},10:function(e,t,n,r,i){var a;return}$ 

 $\label{eq:null} null!=(a=(n.renderTextParam||t\&\&t.renderTextParam||n.helperMissing).call(null!=t?t:{},t,{name:"renderTextParam",hash:{},fn:e.program(11,i,0),inverse:e.noop,data:i}))?a:""},11:function(e,t,n,r,i){return""},compiler:[7,">= 4.0.0"],main:function(e,t,n,r,i){var a,o=null!=t?t:{},s=n.helperMissing;return"<label$ 

 $for='''+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"'')+'''>''+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.name:t,{name:"escape",hash:{},data:i}))?a:''')+''</label>$ 

 $\label{eq:class="markdown">+(null!=(a=(n.sanitize||t&&t.sanitize||s).call(o,null!=t?t.description:t, {name:"sanitize",hash:{},d ata:i}))?a:"")+"$ 

required"},3:function(e,t,n,r,i){return' multiple="multiple"'},5:function(e,t,n,r,i){return" required

"},7:function(e,t,n,r,i){var a;return" <option

"+(null!=(a=n.unless.call(null!=t?t:{},null!=t?t.hasDefault:t,{name:"unless",hash:{},fn:e.program(8,i,0),inverse:e.no op,data:i}))?a:"")+" value="></option>\n"},8:function(e,t,n,r,i){return' selected="" '},10:function(e,t,n,r,i){var a,o=null!=t?t:{},s=n.helperMissing;return"\n <option

"+(null!=(a=n["if"].call(o,null!=t?t.isDefault:t,{name:"if",hash:{},fn:e.program(11,i,0),inverse:e.noop,data:i}))?a:"") +"

 $"+(null!=(a=n["if"].call(o,null!=t?t.isDefault:t,{name:"if",hash:{},fn:e.program(13,i,0),inverse:e.noop,data:i}))?a:"")$ 

+" </option>\n\n"},11:function(e,t,n,r,i){return' selected="" '},13:function(e,t,n,r,i){return" (default)

"},15:function(e,t,n,r,i){return"<strong>"},17:function(e,t,n,r,i){return"</strong>"},compiler:[7,">=

4.0.0"],main:function(e,t,n,r,i){var a,o,s=null!=t?t:{},l=n.helperMissing;return"<td

 $\label{eq:class='code''+(null!=(a=n["if"].call(s,null!=t?t.required:t,{name:"if",hash:{},fn:e.program(1,i,0),inverse:e.noop,data:i}))?a:"")+"'><label$ 

 $for='''+(null!=(a=(n.escape||t\&\&t.escape||l).call(s,null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"'')+''>''+(null!=(a=(n.escape||t\&\&t.escape||l).call(s,null!=t?t.name:t,{name:"sanitize",hash:{},data:i}))?a:"'')+''</label>$ 

"+(null!=(a=(n.isArray||t&&t.isArray||1).call(s,t,{name:"isArray",hash:{},fn:e.program(3,i,0),inverse:e.noop,data:i}))?a:"")+' class="parameter"

 $\label{eq:id=::+(null!=(a=(n.escape||t&&t.escape||l).call(s,null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"")+">n/n'+ (null!=(a=n.unless.call(s,null!=t?t.required:t,{name:"unless",hash:{},fn:e.program(7,i,0),inverse:e.noop,data:i}))?a:"")+"/n"+(null!=(a=n.each.call(s,null!=t?t.allowableValues:t)?a.descriptiveValues:a,{name:"each",hash:{},fn:e.program(10,i,0),inverse:e.noop,data:i}))?a:"")+"/n </select>/n$ 

 $class="markdown">'+(null!=(a=n["if"].call(s,null!=t?t.required:t,{name:"if",hash:{},fn:e.program(15,i,0),inverse:e.noop,data:i}))?a:"")+(null!=(o=null!=(o=n.description||(null!=t?t.description:t))?o:l,a="function"==typeof")$ 

 $o?o.call(s, \{name: "description", hash: \{ \}, data:i \}):o)?a: "") + (null! = (a = n["if"].call(s, null! = t?t.required:t, \{name: "if", hash: \{ \}, fn:e.program(17, i, 0), inverse: e.noop, data:i \}))?a: "") + "$ 

 $l!=t?t.paramType:t, \{name: "escape", hash: \{\}, data:i\}))?a: "") + ' \label{eq:limit} to constrain the second secon$ 

 $signature"></span>|n'|, useData:!0|), t.param_readonly=e({1:function(e,t,n,r,i)}{var}), t$ 

a,o=null!=t?t:{},s=n.helperMissing;return" <textarea class='body-textarea' readonly='readonly'

 $name='''+(null!=(a=(n.sanitize||t\&\&t.sanitize||s).call(o,null!=t?t.name:t,\{name:"sanitize",hash:\{\},data:i\}))?a:"'')+'''$ 

 $id='''+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"'')+''>''+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"'')+'''>''+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"'')+'''>''+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"'')+'''>''+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"'')+'''>''+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"'')+'''>''+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"'')+'''>''+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"'')+'''>''+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"'')+'''>''+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"'')+'''>''+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"'')+'''>''+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"'')+'''>''+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"'')+'''>''+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"'')+''''+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"'')+'''+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"'')+'''+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"'')+'''+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"'')+'''+(null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))))$ 

 $\label{eq:linear} ull!=(a=(n.sanitize||t\&\&t.sanitize||s).call(o,null!=t?t["default"]:t,{name:"sanitize",hash:{},data:i}))?a:"")+'</textarea >>n <div class="parameter-content-type" />n'},3:function(e,t,n,r,i){}$ 

var a;return

 $null!=(a=n["if"].call(null!=t?t:{},null!=t?t["default"]:t,{name:"if",hash:{},fn:e.program(4,i,0),inverse:e.program(6,i,0),data:i}))?a:""},4:function(e,t,n,r,i){var a;return"}$ 

 $\label{eq:complexity} $$ $$ +(null!=(a=(n.sanitize||n.helperMissing).call(null!=t?t:{},null!=t?t["default"]:t,{name:"sanitize",hash:{},data:i}))?a:"")+"\n"}, 6:function(e,t,n,r,i){return"} (empty)\n"},compiler:[7,">=$ 

4.0.0"],main:function(e,t,n,r,i){var a,o=null!=t?t:{},s=n.helperMissing;return"<label

 $for='''+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"')+''>''+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.name:t,{name:"sanitize",hash:{},data:i}))?a:''')+''</label>
<math display="block">n n''+(null!=(a=n["if"].call(o,null!=t?t.isBody:t,{name:"if",hash:{},fn:e.program(1,i,0),inverse:e.program(3,i,0), data:i}))?a:''')+''$ 

 $\label{eq:class="markdown">+(null!=(a=(n.sanitize||t&&t.sanitize||s).call(o,null!=t?t.description:t, {name:"sanitize",hash:{},d ata:i}))?a:"")+"$ 

signature"></span>\n'},useData:!0}),t.param\_readonly\_required=e({1:function(e,t,n,r,i){var}

a,o=null!=t?t:{},s=n.helperMissing;return" <textarea class='body-textarea' readonly='readonly' placeholder='(required)'

 $name=''+(null!=(a=(n.sanitize||t\&\&t.sanitize||s).call(o,null!=t?t.name:t,{name:"sanitize",hash:{},data:i}))?a:''')+''' id='''+(null!=(a=(n.scape||t\&\&t.scape||s).call(o,null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:''')+'''>''+(null!=(a=(n.sanitize||t\&\&t.sanitize||s).call(o,null!=t?t["default"]:t,{name:"sanitize",hash:{},data:i}))?a:''')+'''</textarea >\n"},3:function(e,t,n,r,i){var a; return}$ 

null!=(a=n["if"].call(null!=t?t:{},null!=t?t["default"]:t,{name:"if",hash:{},fn:e.program(4,i,0),inverse:e.program(6,i,
0),data:i}))?a:""},4:function(e,t,n,r,i){var a;return"

 $"+ (null!=(a=(n.sanitize||t\&\&t.sanitize||n.helperMissing).call(null!=t?t:\{\},null!=t?t["default"]:t, \{name: "sanitize", hashelperMissing).call(null!=t?t:\{\},null!=t?t["default"]:t, \{name: "sanitize", hashelperMissing).call(null!=t?t["default"]:t, \{name: "sanitize", hashelperMissing).call(null!=t?t", hashelperMissing).call(null!=t?t", hashelperMissing).call(null!=t?t", hashelperMissing).call(null!=t?t", hashelperMissing).call(null!=t?t", hashelperMissing).call(null!=t?t", hashelperMissing).call(null!=t?t", hashelperMissing).call(null!=t?t", hashelperMissing).call(null!=t?t", hashelperMissing).call(null!=$ 

 $: \{\}, data:i\}))?a:"")+"\n"\}, 6: function(e,t,n,r,i) \{return" (empty)\n"\}, compiler: [7,">=$ 

 $\begin{array}{l} 4.0.0"], main: function(e,t,n,r,i) \{var a,o=null!=t?t: \{\},s=n.helperMissing; return"<label for='''+(null!=(a=(n.escape||t&&t.escape||s).call(o,null!=t?t.valueId:t, {name:"escape",hash: {},data:i}))?a:"'')+"'>"+(null!=(a=(n.escape||t&&t.escape||s).call(o,null!=t?t.name:t, {name:"sanitize",hash: {},data:i}))?a:''')+"</label>

 n\n"+(null!=(a=n["if"].call(o,null!=t?t.isBody:t, {name:"if",hash: {},fn:e.program(1,i,0),inverse:e.program(3,i,0), data:i}))?a:''')+''$ 

 $\label{eq:class="markdown">+(null!=(a=(n.sanitize||t&&t.sanitize||s).call(o,null!=t?t.description:t, {name:"sanitize",hash:{},d ata:i}))?a:"")+"$ 

signature"></span>\n'},useData:!0}),t.param\_required=e({1:function(e,t,n,r,i){var a;return}

null!=(a=n["if"].call(null!=t?t:{},null!=t?t.isFile:t,{name:"if",hash:{},fn:e.program(2,i,0),inverse:e.program(4,i,0),da ta:i}))?a:""},2:function(e,t,n,r,i){var a,o=null!=t?t:{},s=n.helperMissing;return'\t\t\t<input type="file"

 $name = \"+ (null! = (a = (n.escape || t \& \& t.escape || s).call(o, null! = t?t.name:t, \{name: "escape", hash: \{ \}, data:i \}))?a:"") + ""$ 

 $\label{eq:id=''+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"')+"'/>\n"}, 4:function(e,t,n,r,i){var a;return}$ 

 $null!=(a=n["if"].call(null!=t?t:{},null!=t?t["default"]:t,{name:"if",hash:{},fn:e.program(5,i,0),inverse:e.program(7,i,0),data:i}))?a:""},5:function(e,t,n,r,i){var a,o=null!=t?t:{},s=n.helperMissing;return"\t\t\t\t<div$ 

 $\label{eq:listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_listical_$ 

 $a,o=null!=t?t:{},s=n.helperMissing;return"\t\t\t\t<textarea\ class="body-textarea\ required'\ placeholder='(required)' name='"+(null!=(a=(n.sanitize||t&&t.sanitize||s).call(o,null!=t?t.name:t,{name:"sanitize",hash:{},data:i}))?a:"")+"' id=""+(null!=(a=(n.escape||t&&t.escape||s).call(o,null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"")+"' id=""+(null!=(a=(n.escape||t&&t.escape||s).call(o,null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"")+"' id="'+(null!=(a=(n.escape||t&&t.escape||s).call(o,null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"")+"' ></text tarea>\n\t\t\t\t<div class="editor_holder"></div>\n\t\t\t<div class="parameter-content-type" />\n'},9:function(e,t,n,r,i){var a;return}$ 

null!=(a=n["if"].call(null!=t?t:{},null!=t?t.isFile:t,{name:"if",hash:{},fn:e.program(10,i,0),inverse:e.program(12,i,0)
,data:i}))?a:""},10:function(e,t,n,r,i){var a,o=null!=t?t:{},s=n.helperMissing;return"\t\t\cinput class='parameter
required' type='file'

 $name=''+(null!=(a=(n.sanitize||t\&\&t.sanitize||s).call(o,null!=t?t.name:t,{name:"sanitize",hash:{},data:i}))?a:"')+''' id='''+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"')+'''/>\n"}, 12:function(e,t,n,r,i){var a;return}$ 

 $\label{eq:null} = (a=(n.renderTextParam||t\&\&t.renderTextParam||n.helperMissing).call(null!=t?t:{},t,{name:"renderTextParam",hash:{},fn:e.program(13,i,0),inverse:e.noop,data:i}))?a:""},13:function(e,t,n,r,i){return""},compiler:[7,">= 4.0.0"],main:function(e,t,n,r,i){var a,o=null!=t?t:{},s=n.helperMissing;return"<label for='''+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.valueId:t,{name:"escape",hash:{},data:i}))?a:"")+"'>''+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.name:t,{name:"escape",hash:{},data:i}))?a:"")+"</label>$ 

 $\label{eq:linear} td > n"+(null!=(a=n["if"].call(o,null!=t?t.isBody:t,{name:"if",hash:{},fn:e.program(1,i,0),inverse:e.program(9,i,0),data:i}))?a:"")+'$ 

 $\label{eq:class="markdown">+(null!=(a=(n.sanitize||t&&t.sanitize||s).call(o,null!=t?t.description:t, {name:"sanitize",hash:{},d ata:i}))?a:"")+"</span></strong>\nata:i}))?a:"")+"</span></strong>\nname:"escape",hash:{},data:i}))?a:"")+'total:name:"escape",hash:{},data:i}))?a:"")+'$ 

 $signature"></span>|n'},useData:!0),t.parameter_content_type=e({1:function(e,t,n,r,i)}{var a;return null!=(a=n.each.call(null!=t?t:{},null!=t?t.consumes:t,{name:"each",hash:{},fn:e.program(2,i,0),inverse:e.noop,data:i}))?a:""},2:function(e,t,n,r,i){var a,o=null!=t?t:{},s=n.helperMissing;return' <option$ 

 $value=''+(null!=(a=(n.sanitize||t\&\&t.sanitize||s).call(o,t,{name:"sanitize",hash:{},data:i}))?a:''')+''>'+(null!=(a=(n.sanitize||t\&\&t.sanitize||s).call(o,t,{name:"sanitize",hash:{},data:i}))?a:''')+''$ 

<option value="application/json">application/json</option>\n'},compiler:[7,">= 4.0.0"],main:function(e,t,n,r,i){var a,o,s=null!=t?t:{},l=n.helperMissing;return'<label</pre>

for="'+e.escapeExpression((o=null!=(o=n.parameterContentTypeId||(null!=t?t.parameterContentTypeId:t))?o:l,"func tion"==typeof o?o.call(s,{name:"parameterContentTypeId",hash:{},data:i}):o))+''' data-sw-translate>Parameter content type:</br/>/label>\n<select name="parameterContentType"

 $id="'+(null!=(a=(n.sanitize||t\&\&t.sanitize||l).call(s,null!=t?t.parameterContentTypeId:t,{name:"sanitize",hash:{},dat a:i}))?a:"")+"'>\n'+(null!=(a=n["if"].call(s,null!=t?t.consumes:t,{name:"if",hash:{},fn:e.program(1,i,0),inverse:e.program(4,i,0),data:i}))?a:"")+"</select>\n"},useData:!0}),t.popup=e({compiler:[7,">=$ 

4.0.0"],main:function(e,t,n,r,i){var a;return'<div class="api-popup-dialog-wrapper">\n <div class="api-popup-title">'+e.escapeExpression((a=null!=(a=n.title||(null!=t?t.title:t))?a:n.helperMissing,"function"==typeof

 $a?a.call(null!=t?t:{},{name:"title",hash:{},data:i}):a))+'</div>\n <div class="api-popup-content"></div>\n \n <div class="api-popup-actions">\n <button class="api-popup-cancel api-button gray" type="button">Cancel</button>\n </div>\n</div>\n<div class="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-dialog-div-lass="api-popup-d$ 

 $\label{eq:shadow} shadow"></div>'}, useData: !0 \}), t.resource=e(\{1:function(e,t,n,r,i) \{return": "\}, 3:function(e,t,n,r,i) \{var a; return" n < a \\ < li> n < a \\ < li > n \\ <$ 

 $\label{eq:linear} href=''+(null!=(a=(n.sanitize||t&&t.sanitize||n.helperMissing).call(null!=t?t:{},null!=t?t.url:t,{name:"sanitize",hash: {},data:i}))?a:''')+''' data-sw-translate>Raw</a>\n$ 

 $\label{eq:linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_line$ 

$$\label{eq:interm} \begin{split} & id="'+(null!=(a=(n.sanitize||t\&\&t.sanitize||u).call(l,null!=t?t.id:t,{name:"sanitize",hash:{},data:i}))?a:"")+">'+(null!=(a=(n.sanitize||t\&\&t.sanitize||u).call(l,null!=t?t.name:t,{name:"sanitize",hash:{},data:i}))?a:"")+"</a> ";return o=null!=(o=n.summary||(null!=t?t.summary:t))?o:u,s={name:"summary",hash:{},fn:e.program(1,i,0),inverse:e.noop, data:i},a="function"==typeof$$

 $\label{eq:constraint} o?o.call(l,s):o,n.summary||(a=n.blockHelperMissing.call(t,a,s)),null!=a&&(c+=a),c+(null!=(a=(n.sanitize||t&&t.sanitize||u).call(l,null!=t?t.summary:t,{name:"sanitize",hash:{},data:i}))?a:"")+"\n </h2>\n 
(a=(n.sanitize)||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&&t.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sanitize||t&s.sa$ 

href='#!/"+(null!=(a=(n.sanitize||t&&t.sanitize||u).call(l,null!=t?t.id:t,{name:"sanitize",hash:{},data:i}))?a:"")+"'
id='endpointListTogger\_"+(null!=(a=(n.sanitize||t&&t.sanitize||u).call(l,null!=t?t.id:t,{name:"sanitize",hash:{},data:i}))?a:"")+"\' class="toggleEndpointList" data-

 $\label{eq:alpha} id="'+(null!=(a=(n.sanitize||t\&\&t.sanitize||u).call(l,null!=t?t.id:t, \{name:"sanitize",hash: \{ \}, data:i \}))?a:"")+"' data-sw-translate>Show/Hide</a>\n$ 

 $\label{eq:alpha} id="'+(null!=(a=(n.sanitize||t\&\&t.sanitize||u).call(l,null!=t?t.id:t, \{name:"sanitize",hash: \{ \}, data:i \}))?a:"")+"' data-sw-translate>\n List Operations\n </a>n$ 

 $\label{eq:calibratic} id="'+(null!=(a=(n.sanitize||t\&\&t.sanitize||u).call(l,null!=t?t.id:t,{name:"sanitize",hash:{},data:i}))?a:"")+"' data-sw-translate> n Expand Operations n </a> n$ 

 $<\!\!li\!\!>\!\!n'+(null!=(a=n["if"].call(l,null!=t?t.url:t,{name:"if",hash:{},fn:e.program(3,i,0),inverse:e.noop,data:i}))?a:"")+ "<\!\!/ul\!\!>\!\!n<\!\!/div\!\!>\!\!n<\!\!ul class='endpoints'$ 

 $id='''+(null!=(a=(n.sanitize||t\&\&t.sanitize||u).call(1,null!=t?t.id:t,{name:"sanitize",hash:{},data:i}))?a:"')+"_endpoint __list' style='display:none'>\n\nn"},useData:!0}),t.response_content_type=e({1:function(e,t,n,r,i){var a;return null!=(a=n.each.call(null!=t?t:{},null!=t?t.produces:t,{name:"each",hash:{},fn:e.program(2,i,0),inverse:e.noop,data: i}))?a:"''},2:function(e,t,n,r,i){var a,o=null!=t?t:{},s=n.helperMissing;return' <option$ 

 $value="'+(null!=(a=(n.sanitize||t\&\&t.sanitize||s).call(o,t,{name:"sanitize",hash:{},data:i}))?a:"")+"'>'+(null!=(a=(n.sanitize||t\&\&t.sanitize||s).call(o,t,{name:"sanitize",hash:{},data:i}))?a:"")+"</option>\n"},4:function(e,t,n,r,i){return' <option value="application/json">application/json</option>\n'},compiler:[7,">= 4.0.0"],main:function(e,t,n,r,i){var a,o,s=null!=t?t:{},l=n.helperMissing,u="function",c=e.escapeExpression;return'<label data-sw-translate$ 

 $for = ""+c((o=null!=(o=n.responseContentTypeId \parallel (null!=t?t.responseContentTypeId:t))?o:l, typeof(null!=t?t.responseContentTypeId:t))?o:l, typeof(null!=t?t.responseContentT$ 

name="responseContentType"

 $\label{eq:id=::+c((o=null!=(o=n.responseContentTypeId||(null!=t?t.responseContentTypeId:t))?o:l,typeof \\ o===u?o.call(s,{name:"responseContentTypeId",hash:{},data:i}):o))+'''>\n'+(null!=(a=n["if"].call(s,null!=t?t.produc es:t,{name:"if",hash:{},fn:e.program(1,i,0),inverse:e.program(4,i,0),data:i}))?a:''')+''</select>\n''},useData:!0}),t.sig nature=e({1:function(e,t,n,r,i){var a,o=null!=t?t:{};return'\n<div>\n
class="description-link" href="#" data-sw-translate>Model</a>
n class="signature-nav">\n a 
class="description-link" href="#" data-sw-translate>Model</a>
n class="signature-container">\n <div </li>
class="description-link" href="#" data-sw-translate>Model</a>
n class="signature-container">\n <div </li>
class="description">\n$ 

'+e.escapeExpression((n.sanitize||t&&t.sanitize||n.helperMissing).call(o,null!=t?t.signature:t,{name:"sanitize",hash:{},data:i}))+"\n </div>\n\n </div

 $\label{eq:class="snippet">n'+(null!=(a=n["if"].call(o,null!=t?t.sampleJSON:t,{name:"if",hash:{},fn:e.program(2,i,0),inverse: e.noop,data:i}))?a:"")+(null!=(a=n["if"].call(o,null!=t?t.sampleXML:t,{name:"if",hash:{},fn:e.program(5,i,0),inverse: e:e.noop,data:i}))?a:"")+" </div>\n</div>\n"},2:function(e,t,n,r,i){var a,o=null!=t?t:{};return' </div class="snippet_json">n$ 

 $<\!\!re><\!\!code>'+(null!=(a=(n.escape||t\&\&t.escape||n.helperMissing).call(o,null!=t?t.sampleJSON:t,{name:"escape",hash:{},data:i}))?a:"")+"<\!/code><\!/pre>$ 

"+(null!=(a=n["if"].call(o,null!=t?t.isParam:t,{name:"if",hash:{},fn:e.program(3,i,0),inverse:e.noop,data:i}))?a:"")+" \n </div>\n"},3:function(e,t,n,r,i){return'<small class="notice" data-sw-

 $translate > </small>', 5: function(e,t,n,r,i) {var a,o=null!=t?t:{}; return' < div class="snippet_xml">\n div class="snippet_xml"</snippet_xml">\n div class="snippet_xml"</snippet_xml">\n div class="snippet_xml"</snippet_xml">\n div class="snippet_xml"</snippet_xml">\n div class="snippet_xml"</snippet_xml"</snippet_xml">\n div class="snippet_xml"</snippet_xml"</snippet_xml"</snippet_xml"</snippet_xml"</snippet_xml"</snippet_xml"</snippet_xml"</snippet_xml"</snippet_xml"</snippet_xml"</snippet_xml"</snippet_xml"</snippet_xml"</snippet_xml"</snippet_xml"</snippet_xml"</snippet_xml"</snippet_xml"</snippet_xml"</snippet_xml"</snippet_xm$ 

<code>'+(null!=(a=(n.escape||t&&t.escape||n.helperMissing).call(o,null!=t?t.sampleXML:t,{name:"escape",ha sh:{},data:i}))?a:"")+"</code>\n

 $"+(null!=(a=n["if"].call(o,null!=t?t.isParam:t,{name:"if",hash:{},fn:e.program(3,i,0),inverse:e.noop,data:i}))?a:"")+" \\ n </div>n"},7:function(e,t,n,r,i){var a;return"}$ 

 $"+(null!=(a=(n.escape||t\&\&t.escape||n.helperMissing).call(null!=t?t:{},null!=t?t.signature:t,{name:"escape",hash:{}, data:i}))?a:"")+"\n"},compiler:[7,">= 4.0.0"],main:function(e,t,n,r,i){var a;return}$ 

 $\label{eq:linear_null} null!=(a=(n.ifCond||t&&t.ifCond||n.helperMissing).call(null!=t?t:{},null!=t?t.sampleJSON:t,"||",null!=t?t.sampleXM L:t,{name:"ifCond",hash:{},fn:e.program(1,i,0),inverse:e.program(7,i,0),data:i}))?a:""},useData:!0}),t.status_code=e({1:function(e,t,n,r,i){var a,o,s=null!=t?t:{},l=n.helperMissing;return"$ 

"+e.escapeExpression((o=null!=(o=n.key||i&&i.key)?o:l,"function"==typeof

 $o?o.call(s,{name:"key",hash:{},data:i}):o))+"$ 

 $<\!\!td>"+(null!=(a=(n.sanitize||t\&\&t.sanitize||l).call(s,null!=t?t.description:t,{name:"sanitize",hash:{},data:i}))?a:"")+"<\!\!/td>$ 

 $"+(null!=(a=(n.escape||t\&\&t.escape||1).call(s,null!=t?t.type:t,{name:"escape",hash:{},data:i}))?a:"")+"$ 

 $\label{eq:class='code'>''+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.code:t,{name:"escape",hash:{},data:i}))?a:"')+'$ 

 $\label{eq:class="markdown">+(null!=(a=(n.escape||t\&\&t.escape||s).call(o,null!=t?t.message:t,{name:"escape",hash:{},data:i}))?a:"")+'$ 

 $<\!tbody>\!n'+(null!=(a=n.each.call(o,null!=t?t.headers:t,{name:"each",hash:{},fn:e.program(1,i,0),inverse:e.noop,data})$ 

 $::i\}))?a:"")+" /n /n"},useData:!0\}))(), $(function(){$.fn.vAlign=function(){return of the interval of t$ 

this.each(function(){var e=\$(this).height(),t=\$(this).parent().height(),n=(t-e)/2;\$(this).css("margin-

 $top",n)\})\}, $.fn.stretchFormtasticInputWidthToParent=function(){return this.each(function(){var})}) $$ 

e=\$(this).closest("form").innerWidth(),t=parseInt(\$(this).closest("form").css("padding-

left"), 10) + parseInt(\$(this).closest("form").css("padding-right"), 10), n = parseInt(\$(this).css("padding-right"), 10), n

left"),10)+parseInt(\$(this).css("padding-right"),10);\$(this).css("width",e-t-n)})},\$("form.formtastic li.string input,

form.formtastic textarea").stretchFormtasticInputWidthToParent(),\$("ul.downplayed li div.content

p").vAlign(),\$("form.sandbox").submit(function(){var e=!0;return

\$(this).find("input.required").each(function(){\$(this).removeClass("error"),""===\$(this).val()&&(\$(this).addClass(" error"),\$(this).wiggle(),e=!1)}),e})},Function.prototype.bind&&console&&"object"==typeof console.log&&["log","info","warn","error","assert","dir","clear","profile","profileEnd"].forEach(function(e){consol e[e]=this.bind(console[e],console)},Function.prototype.call),window.Docs={shebang:function(){var e=\$.param.fragment().split("/");switch(e.shift(),e.length){case 1:if(e[0].length>0){var t="resource\_"+e[0];Docs.expandEndpointListForResource(e[0]),\$("#"+t).slideto({highlight:!1})}break;case 2:Docs.expandEndpointListForResource(e[0]),\$("#"+t).slideto({highlight:!1});var  $n=e.join("_"),r=n+"_content";Docs.expandOperation({("#"+r)},{("#"+n).slideto({highlight:!1})},toggleEndpointLi$ stForResource:function(e){var t=\$("li#resource\_"+Docs.escapeResourceName(e)+" ul.endpoints");t.is(":visible")?(\$.bbq.pushState("#/",2),Docs.collapseEndpointListForResource(e)):(\$.bbq.pushState( "#/"+e,2),Docs.expandEndpointListForResource(e))},expandEndpointListForResource:function(e){var e=Docs.escapeResourceName(e);if(""==e)return void \$(".resource ul.endpoints").slideDown();\$("li#resource "+e).addClass("active");var t=\$("li#resource "+e+" ul.endpoints");t.slideDown()},collapseEndpointListForResource:function(e){var e=Docs.escapeResourceName(e);if(""==e)return void \$(".resource ul.endpoints").slideUp();\$("li#resource "+e).removeClass("active");var t=\$("li#resource "+e+" ul.endpoints");t.slideUp()},expandOperationsForResource:function(e){return Docs.expandEndpointListForResource(e),""==e?void \$(".resource ul.endpoints li.operation div.content").slideDown():void \$("li#resource\_"+Docs.escapeResourceName(e)+" li.operation div.content").each(function(){Docs.expandOperation(\$(this))}),collapseOperationsForResource:function(e){return Docs.expandEndpointListForResource(e),""==e?void \$(".resource ul.endpoints li.operation div.content").slideUp():void \$("li#resource\_"+Docs.escapeResourceName(e)+" li.operation div.content").each(function(){Docs.collapseOperation(\$(this))})},escapeResourceName:function(e){return  $e.replace(/[!"#\%\&'()*+,...)::<=?@[(])^{(}],...),expandOperation:function(e){e.slideDown()},collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[(]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),collapseO[([]),c$ peration:function(e){e.slideUp()}},function(e,t){"use strict";"function"==typeof define&&define.amd?define(t):"object"==typeof exports?module.exports=t():e.returnExports=t()}(this,function(){var e,t,n=Array,r=n.prototype,i=Object,a=i.prototype,o=Function,s=o.prototype,l=String,u=l.prototype,c=Number,p=c.p.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=l.prototype,c=Number,p=c.p.string,u=c.p.string,u=c.p.string,u=c.p.string,u=c.p.string,u=c.p.string,u=c.p.string,u=c.p.string,u=c.p.string,u=c.p.string,u=c.p.rototype,h=r.slice,f=r.splice,d=r.push,m=r.unshift,g=r.concat,y=r.join,v=s.call,b=s.apply,w=Math.max, =Math.min, x=a.toString,A="function"==typeof Symbol&&"symbol"==typeof Symbol.toStringTag,S=Function.prototype.toString,j=//\s\*class /,E=function(e){try{var  $t=S.call(e), n=t.replace(///.*[n/g,""), r=n.replace(///*[.\s\S]*\*//g,""), i=r.replace(/n/gm,"").replace(/ {2}/g,"), r=n.replace(/ {2}/g,"), r=n.replace(//(*[.\s\S]*(*//g,""), r=n.replace(//(*[.\s\S]*(*//g,""), r=n.replace(/(*[.\s\S]*(*//g,""), r=n.replace(/(*[.\s\S]*(*/g,""), r=n.replace(/(*[.\s\S]*(*/g,""), r=n.replace(/(*[.\s\S]*(*/g,""), r=n.replace(/(*[.\s\S]*(*/g,""), r=n.replace(/(*[.\s\S]*(*/g,""), r=n.replace(/(*[.\s\S]*(*[.\s\S]*(*/$ ");return j.test(i){catch(a){return!1}},O=function(e){try{return!E(e)&&(S.call(e),!0)}catch(t){return!1}},k="[object Function]",T="[object GeneratorFunction]",e=function(e){if(!e)return!1;if("function"!=typeof e&&"object"!=typeof e)return!1;if(A)return O(e);if(E(e))return!1;var t=x.call(e);return t = = k ||t = = T, C=RegExp.prototype.exec, I=function(e){try{return C.call(e),!0}catch(t){return!1}}, D="[object] RegExp]";t=function(e){return"object"==typeof e&&(A?I(e):x.call(e)===D)};var L,M=String.prototype.valueOf,R=function(e){try{return M.call(e),!0}catch(t){return!1}},U="[object String]";L=function(e){return"string"==typeof e||"object"==typeof e&&(A?R(e):x.call(e)===U)};var  $P=i.defineProperty\&&function(){try{var e={};i.defineProperty(e,"x",{enumerable:!1,value:e});for(var t in$ e)return!1;return e.x===e}catch(n){return!1}}(),q=function(e){var t;return t=P?function(e,t,n,r){!r&&t in elli.defineProperty(e,t,{configurable:!0,enumerable:!1,writable:!0,value:n})}:function(e,t,n,r){!r&&t in e||(e[t]=n)], function(n,r,i){for(var a in r)e.call(r,a)&&t(n,a,r[a],i)}}(a.hasOwnProperty), B=function(e){var t=typeof} e;return null===e||"object"!==t&&"function"!==t},z=c.isNaN||function(e){return e!==e, N={ToInteger:function(e){var t=+e;return z(t)?t=0:0!==t&&t!==1/0&&t!==-(1/0)&&(t=(t>0)|-t=t(t>0)|-t=t(t=0)) 1)\*Math.floor(Math.abs(t))),t},ToPrimitive:function(t){var n,r,i;if(B(t))return t;if(r=t.valueOf,e(r)&&(n=r.call(t),B(n)))return n;if(i=t.toString,e(i)&&(n=i.call(t),B(n)))return n;throw new TypeError},ToObject:function(e){if(null==e)throw new TypeError("can't convert "+e+" to object");return

i(e), ToUint32:function(e){return e>>>0}, = function(){;g(s,{bind:function(t){var n=this;if(!e(n))throw new TypeError("Function.prototype.bind called on incompatible "+n);for(var r,a=h.call(arguments,1),s=function(){if(this instanceof r){var e=b.call(n,this,g.call(a,h.call(arguments)));return i(e)==e?e:this}return b.call(n,t,g.call(a,h.call(arguments)))},l=w(0,n.length-a.length),u=[],c=0;c<l;c++)d.call(u,"\$"+c);return r=o("binder","return function ("+y.call(u,",")+"){ return binder.apply(this, arguments); }")(s),n.prototype&&(\$.prototype=n.prototype,r.prototype=new \$,\$.prototype=null),r}});var F=v.bind(a.hasOwnProperty), V=v.bind(a.toString), H=v.bind(h), Y=b.bind(h), J=v.bind(u.slice), W=v.bind(u.split), Q=v.bind(u.split), V=v.bind(u.split), V=v.bind(u."[object Array]"===V(e)},ee=1!==[].unshift(0);q(r,{unshift:function(){return m.apply(this,arguments),this.length},ee), $q(n,\{isArray:Z\})$ ;var te=i("a"),ne="a"!==te[0]||!(0 in te),re=function(e){var t=!0,n=!0,r=!1;if(e)try{e.call("foo",function(e,n,r){"object"!=typeof r&&(t=!1)}),e.call([1],function(){"use strict";n="string"==typeof this},"x")}catch(i){r=!0}return!!e&&!r&&t&&n}; $q(r,{forEach:function(t)}var$ n,r=N.ToObject(this),i=ne&&L(this)?W(this,""):r,a=-1,o=N.ToUint32(i.length);if(arguments.length>1&&(n=arguments[1]),!e(t))throw new TypeError("Array.prototype.forEach callback must be a function");for(;++a<0;)a in i&&("undefined"==typeof n?t(i[a],a,r):t.call(n,i[a],a,r))}},!re(r.forEach)),q(r,{map:function(t){var r,i=N.ToObject(this),a=ne&&L(this)?W(this,""):i,o=N.ToUint32(a.length),s=n(o);if(arguments.length>1&&(r=argu ments[1]),!e(t))throw new TypeError("Array.prototype.map callback must be a function");for(var l=0;l<o;l++)l in  $a\&\&("undefined"==typeof r?s[1]=t(a[1],l,i):s[1]=t.call(r,a[1],l,i));return s},re(r.map)),q(r,{filter:function(t){var}})$ n,r,i=N.ToObject(this),a=ne&&L(this)?W(this,""):i,o=N.ToUint32(a.length),s=[];if(arguments.length>1&&(r=argu ments[1]),!e(t))throw new TypeError("Array.prototype.filter callback must be a function");for(var l=0;l<0;l++)l in a&&(n=a[1],("undefined"==typeof r?t(n,l,i):t.call(r,n,l,i))&&G(s,n));return s}},!re(r.filter)),q(r,{every:function(t){var n,r=N.ToObject(this),i=ne&&L(this)?W(this,""):r,a=N.ToUint32(i.length);if(arguments.length>1&&(n=arguments[ 1]),!e(t))throw new TypeError("Array.prototype.every callback must be a function");for(var o=0;o<a;o++)if(o in i&&!("undefined"==typeof n?t(i[o],o,r):t.call(n,i[o],o,r)))return!1;return!0}},!re(r.every)),q(r,{some:function(t){var}}) n,r=N.ToObject(this),i=ne&&L(this)?W(this,""):r,a=N.ToUint32(i.length);if(arguments.length>1&&(n=arguments[ 1]),!e(t))throw new TypeError("Array.prototype.some callback must be a function");for(var o=0;o<a;o++)if(o in i&&("undefined"==typeof n?t(i[o],o,r):t.call(n,i[o],o,r)))return!0;return!1}},!re(r.some));var  $ie=!1;r.reduce\&\&(ie="object"==typeof r.reduce.call("es5",function(e,t,n,r){return r})),q(r,{reduce:function(t)}var)$ n=N.ToObject(this),r=ne&&L(this)?W(this,""):n,i=N.ToUint32(r.length);if(!e(t))throw new TypeError("Array.prototype.reduce callback must be a function");if(0==i&&1==arguments.length)throw new TypeError("reduce of empty array with no initial value");var a,o=0;if(arguments.length>=2)a=arguments[1];else for(;;) if (o in r) {a=r[o++]; break } if (++o>=i) throw new TypeError("reduce of empty array with no initial value")  $for(;o<i;o++)o in r\&\&(a=t(a,r[o],o,n)); return a \}$ , lie); var ae=!1; r. reduceRight&&(a="object"==typeof r.reduceRight.call("es5",function(e,t,n,r){return r})),q(r,{reduceRight:function(t){var n=N.ToObject(this),r=ne&&L(this)?W(this,""):n,i=N.ToUint32(r.length);if(!e(t))throw new TypeError("Array.prototype.reduceRight callback must be a function"); if (0 == i & & 1 == arguments.length) throw new TypeError("reduceRight of empty array with no initial value");var a,o=i-1;if(arguments.length>=2)a=arguments[1];else for(;;){if(o in r){a=r[o--];break}if(--o<0)throw new TypeError("reduceRight of empty array with no initial value")if(o<0) return a; do o in r&&(a=t(a,r[o],o,n)); while(o--);return a}},!ae);var oe=r.indexOf&&[0,1].indexOf(1,2)!==-1;q(r,{indexOf:function(e){var}} t=ne&&L(this)?W(this,""):N.ToObject(this),n=N.ToUint32(t.length);if(0===n)return-1;var r=0; for (arguments.length>1&&(r=N.ToInteger(arguments[1])), r=r>=0?r:w(0,n+r); r<n; r++) if (r in t&&t[r] == e) return r; return 1}}, oe); var se=r.lastIndexOf&&[0,1].lastIndexOf(0,-3)!==-1;q(r,{lastIndexOf:function(e){var t=ne&&L(this)?W(this,""):N.ToObject(this),n=N.ToUint32(t.length);if(0===n)return-1;var r=n-

```
1;for(arguments.length>1&&(r= (r,N.ToInteger(arguments[1]))),r=r>=0?r:n-Math.abs(r);r>=0;r--)if(r in
t&&e===t[r])return r;return-1}},se);var le=function(){var e=[1,2],t=e.splice();return
2 == e.length \& Z(t) \& \& 0 == t.length \} (); q(r, \{splice: function(e, t) \} return \}
0===arguments.length?[]:f.apply(this,arguments)}},!le);var ue=function(){var e={};return
r.splice.call(e,0,0,1),1===e.length{();q(r,{splice:function(e,t){if(0===arguments.length)return[];var}}
n=arguments;return this.length=w(N.ToInteger(this.length),0),arguments.length>0&&"number"!=typeof
t\&\&(n=H(arguments), n.length<2?G(n,this.length-e):n[1]=N.ToInteger(t)), f.apply(this, n)}, ue);var
ce=function(){var e=new n(1e5);return e[8]="x",e.splice(1,1),7==e.indexOf("x")}(),pe=function(){var
e=256,t=[];return t[e]="a",t.splice(e+1,0,"b"),"a"===t[e]}();q(r,{splice:function(e,t)}{for(var}));
n,r=N.ToObject(this),i=[],a=N.ToUint32(r.length),o=N.ToInteger(e),s=o<0?w(a+o,0): (o,a),u= (w(N.ToInteger(t),0))
),a-s),c=0;c<u;)n=l(s+c),F(r,n)&&(i[c]=r[n]),c+=1;var p,h=H(arguments,2),f=h.length;if(f<u){c=s;for(var d=a-b,c),c=0;c<u;}),f=h.length;if(f<u){c=s;for(var d=a-b,c),c=0;c<uu;}),f=h.length;if(f<uu;}),f=h.length;if(f<uu;}),f=h.length;if(f<uu;}),f=h.length;if(f<uu;}),f=h.length;if(f<uu;}),f=h.length;if(f<uu;}),f=h.length;if(f<uu;}),f=h.length;if(f<uu;}),f=h.length;if(f<uu;}),f=h.length;if(f<uu;}),f=h.length;if(f<uu;}),f=h.length;if(f<uu;}),f=h.length;if(f<uu;}),f=h.length;if(f<uu;}),f=h.length;if(f<uu;}),f=h.length;if(f<uu;}),f=h.length;if(f<uu;}),f=h.length;if(f<
u;c<d;)n=l(c+u),p=l(c+f),F(r,n)?r[p]=r[n]:deleter[p],c+=1;c=a;for(var m=a-u+f;c>m;)deleter[c-1],c=1}else
if(f>u)for(c=a-u;c>s;)n=l(c+u-1),p=l(c+f-1),F(r,n)?r[p]=r[n]:deleter[p],c=1;c=s;for(var)
g=0;g<h.length;++g)r[c]=h[g],c+=1;return r.length=a-u+f,i},!ce||!pe);var
he,fe=r.join;try{he="1,2,3"} = Array.prototype.join.call("123",",")} catch(de){he=!0}he\&\&q(r,{join:function(e)}var) = Array.prototype.join.call("123",",")
t="undefined"==typeof e?",":e;return fe.call(L(this)?W(this,""):this,t)}},he);var me="1,2"!==[1,2].join(void
0);me&&q(r,{join:function(e){var t="undefined"==typeof e?",":e;return fe.call(this,t)}},me);var
ge=function(e){for(var
t=N.ToObject(this),n=N.ToUint32(t.length),r=0;r<arguments.length;)t[n+r]=arguments[r],r+=1;return
t.length=n+r,n+r},ye=function(){var e={},t=Array.prototype.push.call(e,void 0);return
1!==t||1!==e.length||"undefined"!=typeof e[0]||!F(e,0)}();q(r,{push:function(e)}{return})
Z(\text{this})?d.apply(this,arguments):ge.apply(this,arguments)}},ye);var ve=function(){var e=[],t=e.push(void 0);return
1!==t||1!==e.length||"undefined"!=typeof e[0]||!F(e,0)}();q(r,{push:ge},ve),q(r,{slice:function(e,t)}var
n=L(this)?W(this,""):this;return Y(n,arguments)}},ne);var
be=function(){try{return[1,2].sort({}),!0}catch(e){}return!1}(),we=function(){try{return[1,2].sort(/a try{return[1,2].sort(/a try[return[1,2].sort(/a try[return[1,2].sort(
/),!1}catch(e){}return!0}(), e=function(){try{return[1,2].sort(void
0),!0}catch(e){}return!1}();q(r,{sort:function(t){if("undefined"==typeof t)return X(this);if(!e(t))throw new
TypeError("Array.prototype.sort callback must be a function");return X(this,t)}},be||!_e||!we);var
xe=!K({toString:null},"toString"),Ae=K(function(){},"prototype"),Se=!F("x","0"),je=function(e){var
t=e.constructor;return
t&&t.prototype===e},Ee={$window:!0,$console:!0,$parent:!0,$self:!0,$frame:!0,$frames:!0,$frameElement:!0,$we
bkitIndexedDB:!0,$webkitStorageInfo:!0,$external:!0},Oe=function(){if("undefined"==typeof
window)return!1;for(var e in window)try{!Ee["$"+e]&&F(window,e)&&null!==window[e]&&"object"==typeof
window[e]&&je(window[e])}catch(t){return!0}return!1}(),ke=function(e){if("undefined"==typeof
window||!Oe)return je(e);try{return
je(e){catch(t){return!1}},Te=["toString","toLocaleString","valueOf","hasOwnProperty","isPrototypeOf","propertyIs
Enumerable", "constructor"], Ce=Te.length, Ie=function(e){return"[object]
Arguments]"===V(e)},De=function(t){return null!==t&&"object"==typeof t&&"number"==typeof
t.length&&t.length>=0&&!Z(t)&&e(t.callee)},Le=Ie(arguments)?Ie:De;q(i,{keys:function(t){var
n=e(t),r=Le(t),i=null!==t&&"object"==typeof t,a=i&&L(t);if(!i&&!n&&!r)throw new TypeError("Object.keys
called on a non-object"); var o=[],s=Ae\&\&n; if(a\&\&Se||r)for(var u=0;u<t.length;++u)G(o,l(u)); if(!r)for(var c in the set of the se
t)s&&"prototype"===c||!F(t,c)||G(o,l(c));if(xe)for(var p=ke(t),h=0;h<Ce;h++){var
f=Te[h];p\&\&"constructor"===f|!F(t,f)||G(o,f)|return o\});var Me=i.keys\&&function(){return o}
2===i.keys(arguments).length}(1,2),Re=i.keys&&function(){var e=i.keys(arguments);return
1!==arguments.length||1!==e.length||1!==e[0](1),Ue=i.keys;q(i,{keys:function(e)}return
0x55d318d56a724)),Ne=new Date(14496624e5),$e="Mon, 01 Jan -45875 11:59:59
GMT"!==ze.toUTCString(),Fe=ze.getTimezoneOffset();Fe<-720?(Pe="Tue Jan 02 -
```

 $45875"!==ze.toDateString(),qe=!/^Thu Dec 10 2015 \d\d:\d\dGMT[-+]\d\d\d(?:$ 

Ve=v.bind(Date.prototype.getFullYear),He=v.bind(Date.prototype.getMonth),Ye=v.bind(Date.prototype.getDate),Je =v.bind(Date.prototype.getUTCFullYear),We=v.bind(Date.prototype.getUTCMonth),Qe=v.bind(Date.prototype.get UTCDate),Ge=v.bind(Date.prototype.getUTCDay),Ke=v.bind(Date.prototype.getUTCHours),Xe=v.bind(Date.proto type.getUTCMinutes),Ze=v.bind(Date.prototype.getUTCSeconds),et=v.bind(Date.prototype.getUTCMilliseconds),tt =["Sun","Mon","Tue","Wed","Thu","Fri","Sat"],nt=["Jan","Feb","Mar","Apr","May","Jun","Jul","Aug","Sep","Oct ","Nov","Dec"],rt=function(e,t){return Ye(new

Date(t,e,0))};q(Date.prototype,{getFullYear:function(){if(!(this&&this instanceof Date))throw new TypeError("this is not a Date object.");var e=Ve(this);return e<0&&He(this)>11?e+1:e},getMonth:function(){if(!(this&&this instanceof Date))throw new TypeError("this is not a Date object.");var e=Ve(this),t=He(this);return e<0&&t>11?0:t},getDate:function(){if(!(this&&this instanceof Date))throw new TypeError("this is not a Date object.");var e=Ve(this),t=He(this);return e<0&&t>11?0:t},getDate:function(){if(!(this&&this instanceof Date))throw new TypeError("this is not a Date object.");var e=Ve(this),t=He(this),n=Ye(this);if(e<0&&t>11){if(12===t)return n;var r=rt(0,e+1);return r-

n+1}return n},getUTCFullYear:function(){if(!(this&&this instanceof Date))throw new TypeError("this is not a Date object.");var e=Je(this);return e<0&&We(this)>11?e+1:e},getUTCMonth:function(){if(!(this&&this instanceof Date))throw new TypeError("this is not a Date object.");var e=Je(this),t=We(this);return

e<0&&t>11?0:t, getUTCDate:function(){if(!(this&&this instanceof Date))throw new TypeError("this is not a Date object.");var e=Je(this),t=We(this),n=Qe(this);if(e<0&&t>11){if(12===t)return n;var r=rt(0,e+1);return r-n+1}return n}},Be),q(Date.prototype,{toUTCString:function(){if(!(this&&this instanceof Date))throw new Particular n}})

TypeError("this is not a Date object.");var

e=Ge(this), t=Qe(this), n=We(this), r=Je(this), i=Ke(this), a=Xe(this), o=Ze(this); return tt[e]+", "+(t<10?"0"+t:t)+" "+nt[n]+" "+(t<10?"0"+t:t)+":"+(a<10?"0"+a:a)+":"+(o<10?"0"+o:o)+"

GMT"}},Be||\$e),q(Date.prototype,{toDateString:function(){if(!(this&&this instanceof Date))throw new TypeError("this is not a Date object.");var

e=this.getDay(),t=this.getDate(),n=this.getMonth(),r=this.getFullYear();return tt[e]+" "+nt[n]+" "+(t<10?"0"+t:t)+" "+r}},Be||Pe),(Be||qe)&&(Date.prototype.toString=function(){if(!(this&&this instanceof Date))throw new TypeError("this is not a Date object.");var

e=this.getDay(),t=this.getDate(),n=this.getMonth(),r=this.getFullYear(),i=this.getHours(),a=this.getMinutes(),o=this .getSeconds(),s=this.getTimezoneOffset(),l=Math.floor(Math.abs(s)/60),u=Math.floor(Math.abs(s)%60); return tt[e]+" "+nt[n]+" "+(t<10?"0"+t:t)+" "+r+" "+(i<10?"0"+i:i)+":"+(a<10?"0"+a:a)+":"+(o<10?"0"+o:o)+" GMT"+(s>0?"-

 $":"+")+(l<10?"0"+l:l)+(u<10?"0"+u:u)\}, P\&\&i.defineProperty(Date.prototype,"toString", {configurable:!0,enumerable:!1,writable:!0})); var it=-621987552e5, at="-000001", ot=Date.prototype.toISOString&&new$ 

Date(it).toISOString().indexOf(at)===-1,st=Date.prototype.toISOString&&"1969-12-31T23:59:59.999Z"!==new Date((-

1)).toISOString(),lt=v.bind(Date.prototype.getTime);q(Date.prototype,{toISOString:function(){if(!isFinite(this)||!isF inite(lt(this)))throw new RangeError("Date.prototype.toISOString called on non-finite value.");var e=Je(this),t=We(this);e+=Math.floor(t/12),t=(t%12+12)%12;var

n=[t+1,Qe(this),Ke(this),Xe(this),Ze(this)]; e=(e<0?"-":e>99999?"+":"")+J("00000"+Math.abs(e),0<=e&&e<=99999?-4:-6); for(var r=0;r<n.length;++r)n[r]=J("00"+n[r],-2); return e+"-"+H(n,0,2).join("-100"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.000"+0.0

")+"T"+H(n,2).join(":")+"."+J("000"+et(this),-3)+"Z"},ot||st);var ut=function(){try{return}}

Date.prototype.toJSON&&null===new Date(NaN).toJSON()&&new Date(it).toJSON().indexOf(at)!==-

 $1\&\&Date.prototype.toJSON.call({toISOString:function(){return!0}})catch(e){return!1}}();ut||(Date.prototype.toJSON=function(t){var n=i(this),r=N.ToPrimitive(n);if("number"==typeof r&&!isFinite(r))return null;var})$ 

a=n.toISOString;if(!e(a))throw new TypeError("toISOString property is not callable");return a.call(n)});var

ct=1e15===Date.parse("+033658-09-27T01:46:40.000Z"),pt=!isNaN(Date.parse("2012-04-

```
31T23:59:60.000Z")),ht=isNaN(Date.parse("2000-01-01T00:00:00.000Z"));if(ht||pt||!ct){var ft=Math.pow(2,31)-
 1,dt=z(new Date(1970,0,1,0,0,0,ft+1).getTime());Date=function(e){var t=function(n,r,i,a,o,s,u){var
c,p=arguments.length;if(this instanceof e){var h=s,f=u;if(dt&&p>=7&&u>ft){var
d=Math.floor(u/ft)*ft,m=Math.floor(d/1e3);h+=m,f-=1e3*m\}c=1==p\&\&l(n)==n?new\ e(t.parse(n)):p>=7?new\ e(t.parse(n)):p>=7?new\ e(t.parse(n)):p>=1?new\ e(t.parse(n)):p>=1?new\
e(n,r,i,a,o,h,f):p \ge 6?new e(n,r,i,a,o,h):p \ge 5?new e(n,r,i,a,o):p \ge 4?new e(n,r,i,a):p \ge 3?new e(n,r,i):p \ge 2?new e(n,r,i,a,o,h):p \ge 1?new e(
e(n,r):p>=1?new e(n instanceof e?+n:n):new e}else c=e.apply(this,arguments);return
(\d{2})(?:T(\d{2}):(\d{2})(?:(\d{1}))?)?(Z|(?:([-
+])(\\d{2}):(\\d{2}))?)??;$"),r=[0,31,59,90,120,151,181,212,243,273,304,334,365],i=function(e,t){var
1970},a=function(t){var n=0,r=t;if(dt&&r>ft){var i=Math.floor(r/ft)*ft,a=Math.floor(i/1e3);n+=a,r=1e3*a}return
c(new e(1970,0,1,0,0,n,r))};for(var o in
e)F(e,o)&&(t[o]=e[o]);q(t,{now:e.now,UTC:e.UTC},!0),t.prototype=e.prototype,q(t.prototype,{constructor:t},!0);va
r = function(t) \{var r = n.exec(t); if(r) \{var o, s = c(r[1]), l = c(r[2]||1) - 1, u = c(r[3]||1) - 1, u
 1, p=c(r[4]||0), h=c(r[5]||0), f=c(r[6]||0), d=Math.floor(1e3*c(r[7]||0)), m=Boolean(r[4]\&\&!r[8]), g="-"===r[9]?1:-1.5:
 1&&l<12&&y<24&&v<60&&u>-1&&u<i(s,l+1)-
i(s,l)\&\&(o=60*(24*(i(s,l)+u)+p+y*g),o=1e3*(60*(o+h+v*g)+f)+d,m\&\&(o=a(o)),-i(s,l)\&\&(o=60*(24*(i(s,l)+u)+p+y*g),o=1e3*(60*(o+h+v*g)+f)+d,m\&\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)\&(o=a(o)),-i(s,l)(i(s,l)),-i(s,l)(i(s,l)),-i(s,l)(i(s,l)),-i(s,l)(i(s,l)),-i(s,l)(i(s,l)),-i(s,l)(i(s,l)),-i(s,l)(i(s,l)),-i(s,l)(i(s,l)),-i(s,l)),-i(s,l)(i(s,l)),-i(s,l)),-i(s,l)(i(s,l)),-i(s,l)),-i(s,l)(i(s,l)),-i(s,l)),-i(s,l)(i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)(i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-i(s,l)),-
864e13<=0&&o<=864e13)?o:NaN}return e.parse.apply(this,arguments)};return
q(t,{parse:s}),t}(Date)}Date.now||(Date.now=function(){return(new Date).getTime()});var
mt=p.toFixed&&("0.000"!==8e-
Fixed(0)),gt={base:1e7,size:6,data:[0,0,0,0,0,0],multiply:function(e,t){for(var n=-
 1,r=t;++n < gt.size;)r=e^{gt.data[n],gt.data[n]=r\% gt.base,r=Math.floor(r/gt.base)},divide:function(e){for(var})
t=gt.size,n=0;-t>=0;)n+=gt.data[t],gt.data[t]=Math.floor(n/e),n=n%e*gt.base},numToString:function(){for(var)} for(var) for (var) for(var) for(var
e=gt.size,t="":-e>=0;)if(""!==t||0==e||0!==gt.data[e]){var n=l(gt.data[e]);""===t?t=n:t+=J("0000000",0,7-1){var n=l(gt.data[e]);""==t}{var n=l(gt.data[e]);""=t=t}{var n=l(gt.data[e]);""=t=
n.length)+n}return t},pow:function Ut(e,t,n){return 0===t?n:t\%2===1?Ut(e,t-1)
 1,n^{*}e:Ut(e*e,t/2,n)},log:function(e){for(var t=0,n=e;n>=4096;)t+=12,n/=4096;for(;n>=2;)t+=1,n/=2;return}
t \} \}, yt=function(e) \{var t, n, r, i, a, o, s, u; if(t=c(e), t=z(t)?0:Math.floor(t), t<0 || t>20) throw new the set of the set of
RangeError("Number.toFixed called with invalid number of decimals");if(n=c(this),z(n))return"NaN";if(n<=-
 1e21||n>=1e21)return l(n);if(r="",n<0&&(r="-",n=-n),i="0",n>1e-21)if(a=gt.log(n*gt.pow(2,69,1))-
 69,o=a<0?n*gt.pow(2,-a,1):n/gt.pow(2,a,1),o*=4503599627370496,a=52-
 a,a>0 {for(gt.multiply(0,o),s=t;s>=7;)gt.multiply(1e7,0),s=7;for(gt.multiply(gt.pow(10,s,1),0),s=a-2);for(gt.multiply(gt.pow(10,s,1),0),s=a-2);for(gt.multiply(gt.pow(10,s,1),0),s=a-2);for(gt.multiply(gt.pow(10,s,1),0),s=a-2);for(gt.multiply(gt.pow(10,s,1),0),s=a-2);for(gt.multiply(gt.pow(10,s,1),0),s=a-2);for(gt.multiply(gt.pow(10,s,1),0),s=a-2);for(gt.multiply(gt.pow(10,s,1),0),s=a-2);for(gt.multiply(gt.pow(10,s,1),0),s=a-2);for(gt.multiply(gt.pow(10,s,1),0),s=a-2);for(gt.multiply(gt.pow(10,s,1),0),s=a-2);for(gt.multiply(gt.pow(10,s,1),0),s=a-2);for(gt.multiply(gt.pow(10,s,1),0),s=a-2);for(gt.multiply(gt.pow(10,s,1),0),s=a-2);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1);for(gt.pow(10,s,1),0);for(gt.pow(10,s,1);for(gt.pow(10,s,1),0);for(gt
 1;s>=23;)gt.divide(1<<23),s-=23;gt.divide(1<<s),gt.multiply(1,1),gt.divide(2),i=gt.numToString()}else
t > 0?(u=i.length, i=u <= t?r + J("0.00000000000000000000", 0, t-u+2) + i:r + J(i, 0, u-t) + "." + J(i, u-t) + "." + J
t)):i=r+i,i};q(p,{toFixed:yt},mt);var vt=function(){try{return"1"===1..toPrecision(void
0) catch(e) {return!0} {(),bt=p.toPrecision;q(p, {toPrecision:function(e) {return"undefined"==typeof
(s)^{/}[1]||4!=="test".split(/(?:)/,-1).length||"".split(/.?/).length||".".split(/())/).length>1?!function(){var}
e="undefined"==typeof/()??/.exec("")[1],n=Math.pow(2,32)-1;u.split=function(r,i){var
a=String(this);if("undefined"==typeof r&&0===i)return[];if(!t(r))return W(this,r,i);var
o,s,l,u,c=[],p=(r.ignoreCase?"i":"")+(r.multiline?"m":"")+(r.unicode?"u":"")+(r.sticky?"y":""),h=0,f=new
RegExp(r.source,p+"g");e||(o=new RegExp("^"+f.source+"$(?!\\s)",p));var m="undefined"==typeof
i?n:N.ToUint32(i);for(s=f.exec(a);s&&(l=s.index+s[0].length,!(l>h&&(G(c,J(a,h,s.index)),!e&&s.length>1&&s[0].r
eplace(o,function(){for(var e=1;e<arguments.length-2;e++)"undefined"==typeof arguments[e]&&(s[e]=void)
0) \}), s. length > 1\&\&s. index < a. length \&\&d. apply (c, H(s, 1)), u = s[0]. length, h = l, c. length > =m))); f. lastIndex ===s. index \& baseline (c, H(s, 1)), u = s[0]. length, h = l, c. length > =m))); f. lastIndex ===s. index \& baseline (c, H(s, 1)), u = s[0]. length, h = l, c. length > =m))); f. lastIndex ===s. index \& baseline (c, H(s, 1)), u = s[0]. length, h = l, c. length > =m))); f. lastIndex ===s. index \& baseline (c, H(s, 1)), u = s[0]. length, h = l, c. length > =m))); f. lastIndex ===s. index \& baseline (c, H(s, 1)), u = s[0]. length, h = l, c. length > =m))); f. lastIndex ===s. index \& baseline (c, H(s, 1)), u = s[0]. length, h = l, c. length > =m))); f. lastIndex ===s. index \& baseline (c, H(s, 1)), u = s[0]. length, h = l, c. length > =m))); f. lastIndex ===s. index \& baseline (c, H(s, 1)), u = s[0]. length, h = l, c. length > =m))); f. lastIndex ===s. index \& baseline (c, H(s, 1)), u = s[0]. length, h = l, c. length > =m))); f. lastIndex ===s. index \& baseline (c, H(s, 1)), u = s[0]. length, h = l, c. length > m)); f. lastIndex ===s. index \& baseline (c, H(s, 1)), u = s[0]. length, h = l, c. length > m)); f. lastIndex ==s. index \& baseline (c, H(s, 1)), u = s[0]. length, h = l, c. length > m)); f. lastIndex ==s. index \& baseline (c, H(s, 1)), u = s[0]. length, h = l, c. length > m)); f. lastIndex ==s. index \& baseline (c, H(s, 1)), u = s[0]. length > m); f. lastIndex ==s. index \& baseline (c, H(s, 1)), u = s[0]. length > m); f. lastIndex ==s. index \& baseline (c, H(s, 1)), u = s[0]. length > m); f. lastIndex ==s. index \& baseline (c, H(s, 1)), u = s[0]. length > m]; f. lastIndex ==s. index \& baseline (c, H(s, 1)); f. lastIndex ==s. index \& baseline (c, H(s, 1)); f. lastIndex ==s. index \& baseline (c, H(s, 1)); f. lastIndex ==s. index \& baseline (c, H(s, 1)); f. lastIndex ==s. index \& baseline (c, H(s, 1)); f. lastIndex ==s. index \& baseline (c, H(s, 1)); f. lastIndex ==s. index \& baseline (c, H(s, 1)); f. lastIndex ==s. index baseline (c, H(s, 1)); f. lastIndex ==s. index baseline (c, H(s, 
 &f.lastIndex++,s=f.exec(a);return
```

 $h == a.length?!u\&\&f.test("")||G(c,""):G(c,J(a,h)),c.length>m?H(c,0,m):c}{(:,0,m):c}(:,0,m):c}(:,0,m):c]$ (0,0).length&&(u.split=function(e,t){return"undefined"==typeof e&&0===t?[]:W(this,e,t)});var wt=u.replace,\_t=function(){var  $e=[];return"x".replace(/x(.)?/g,function(t,n){G(e,n)}),1==e.length&&"undefined"==typeof$ e[0]():\_t||(u.replace=function(n,r){var i=e(r),a=t(n)&&/)[\*?]/.test(n.source);if(i&&a){var o=function(e){var i=e(r),a=t(n)&&/}} t=arguments.length,i=n.lastIndex;n.lastIndex=0;var a=n.exec(e)||[];return n.lastIndex=i,G(a,arguments[t-2],arguments[t-1]),r.apply(this,a)};return wt.call(this,n,o)}return wt.call(this,n,r)});var xt=u.substr,At="".substr&&"b"!=="0b".substr(-1);q(u,{substr:function(e,t){var n=e;return}  $e<0\&\&(n=w(this.length+e,0)),xt.call(this,n,t)},At);var St="\t\n\x0B\f\r$ \u2028\u2029\ufeff",jt="",Et="["+St+"]",Ot=new RegExp("^"+Et+Et+"\*"),kt=new RegExp(Et+Et+"\*\$"),Tt=u.trim&&(St.trim())|!jt.trim());q(u,{trim:function(){if("undefined"==typeof this||null===this)throw new TypeError("can't convert "+this+" to object");return l(this).replace(Ot,"").replace(kt,"")}},Tt);var Ct=v.bind(String.prototype.trim),It=u.lastIndexOf&&"abc".lastIndexOf("",2)!==-1;q(u,{lastIndexOf:function(e){if("undefined"==typeof this||null===this)throw new TypeError("can't convert "+this+" to object");for(var  $t=l(this), n=l(e), r=arguments.length>1?c(arguments[1]): NaN, i=z(r)?1/0: N.ToInteger(r), a=_(w(i,0), t.length), o=n.length>1?c(arguments[1]): NaN, i=z(r)?1/0: N.ToInteger(r), a=_(w(i,0), t.length), o=n.length>1$ h,s=a+o;s>0; {s=w(0,s-o);var u=Q(J(t,s,a+o),n); if (u!==-1)return s+u}return-1 }. It );var Dt=u.lastIndexOf;if(q(u,{lastIndexOf:function(e){return  $Dt.apply(this, arguments) \} , 1! == u.lastIndexOf.length), 8 == parseInt(St+"08") \& \& 22 == parseInt(St+"0x16") || (parseIndexOf.length) || (par$  $nt=function(e) \{var t=/^{-}, i=0, x\}, return function(n,r) \{var i=Ct(String(n)), a=c(r) || (t.test(i)?16:10); return function(n,r) || (t.test(i)?16:10); return$ e(i,a)}{parseInt),1/parseFloat("-0")!==-(1/0)&&(parseFloat=function(e){return function(t){var  $n=Ct(String(t)), r=e(n); return 0==r\&"-"==J(n,0,1)?-0:r\}$  (parseFloat)), "RangeError: test"!==String(new RangeError("test"))){var Lt=function(){if("undefined"==typeof this||null===this)throw new TypeError("can't convert "+this+" to object");var e=this.name;"undefined"==typeof e?e="Error":"string"!=typeof e&&(e=l(e));var t=this.message;return"undefined"==typeof t?t="":"string"!=typeof t&&(t=l(t)),e?t?e+": "+t:e:t}:Error.prototype.toString=Lt}if(P){var Mt=function(e,t){if(K(e,t)){var  $n=Object.getOwnPropertyDescriptor(e,t);n.configurable\&\&(n.enumerable=!1,Object.defineProperty(e,t,n))};Mt(Erable)$ ror.prototype,"message"),""!==Error.prototype.message&&(Error.prototype.message=""),Mt(Error.prototype,"name "){if("/a/gim"!==String(/a/gim)){var Rt=function(){var e="/"+this.source+"/";return this.global&&(e+="g"),this.ignoreCase&&(e+="i"),this.multiline&&(e+="m"),e};RegExp.prototype.toString=Rt}) ,Handlebars.registerHelper("sanitize",function(e){var t;return void 0===e?"":(t=sanitizeHtml(e,{allowedTags:["div","span","b","i","em","strong","a","br","table","tbody","tr","th","td" ],allowedAttributes:{div:["class"],span:["class"],table:["class"],td:["class"],th:["colspan"],a:["href"]}}),new Handlebars.SafeString(t))}),Handlebars.registerHelper("renderTextParam",function(e){var t,n="text",r="",i=e.type||e.schema&&e.schema.type||"",a="array"===i.toLowerCase()||e.allowMultiple,o=a&&Array"===i.toLowerCase()||e.allowMultiple,o=a&&Array"===i.toLowerCase()||e.allowMultiple,o=a&&Array"===i.toLowerCase()||e.allowMultiple,o=a&&Array"===i.toLowerCase()||e.allowMultiple,o=a&&Array"===i.toLowerCase()||e.allowMultiple,o=a&&Array"==i.toLowerCase()||e.allowMultiple,o=a&&Array"==i.toLowerCase()||e.allowMultiple,o=a&Array"==i.toLowerCase()||e.allowMultiple,o=a&Array"==i.toLowerCase()||e.allowMultiple,o=a&Array"=i.toLowerCase()||e.allowMultiple,o=a&Array"=i.toLowerCase()||e.allowMultiple,o=a&Array"=i.toLowerCase()||e.allowMultiple,o=a&Array"=i.toLowerCase()||e.allowMultiple,o=a&Array"=i.toLowerCase()||e.allowMultiple,o=a&Array"=i.toLowerCase()||e.allowMultiple,o=a&Array"=i.toLowerCase()||e.allowMultiple,o=a&Array"=i.toLowerCase()||e.allowMultiple,o=a&Array"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.allowArray"=i.toLowerCase()||e.isArray(e["default"])?e["default"].join("\n"):e["default"],s=Handlebars.Utils.escapeExpression(e.name),l=Handleba rs.Utils.escapeExpression(e.valueId);i=Handlebars.Utils.escapeExpression(i);var  $u=Object.keys(e).filter(function(e){return null!==e.match(/^X-data-/i)}).reduce(function(t,n){return t+="""$ "+n.substring(2,n.length)+"='"+e[n]+""'},"");if(e.format&&"password"===e.format&&(n="password"),l&&(r=" id=""+l+"""),o=o?sanitizeHtml(o):"",a)t="<textarea class="body-textarea"+(e.required?" required":"")+" name=""+s+"""+r+u,t+=" placeholder='Provide multiple values in new lines"+(e.required?" (at least one required).":".")+"'>",t+=o+"</textarea>";else{var c="parameter";e.required&&(c+=" required"),t="<input class=""+c+"" minlength=""+(e.required?1:0)+""",t+=" name=""+s+"" placeholder=""+(e.required?"(required)":"")+""+r+u,t+=" type=""+n+"' value=""+o+"'/>"}return new Handlebars.SafeString(t), Handlebars.registerHelper("ifCond", function(e,t,n,r){switch(t){case"==":return"}} e==n?r.fn(this):r.inverse(this);case"===":return e===n?r.fn(this):r.inverse(this);case"<":return e<n?r.fn(this):r.inverse(this);case"<=":return e<=n?r.fn(this):r.inverse(this);case">":return

e>n?r.fn(this):r.inverse(this);case">=":return e>=n?r.fn(this):r.inverse(this);case"&&":return e&&n?r.fn(this):r.inverse(this);case"||":return e||n?r.fn(this):r.inverse(this);default:return r.inverse(this)}}),Handlebars.registerHelper("escape",function(e){var t=Handlebars.Utils.escapeExpression(e);return new Handlebars.SafeString(t)}),function(e){if("object"==typeof exports&&"undefined"!=typeof module)module.exports=e();else if("function"==typeof define&&define.amd)define([],e);else{var t;t="undefined"!=typeof window?window:"undefined"!=typeof global:undefined:typeof self:this,t.sanitizeHtml=e(){(function(){return function e(t,n,r){function}})  $i(o,s)\{if(!n[o])\{if(!t[o])\}$  var l="function"==typeof require&&require;if(!s&&l)return 1(o,!0);if(a)return a(o,!0);varu=new Error("Cannot find module "+o+"");throw u.code="MODULE\_NOT\_FOUND",u}var  $c=n[o]=\{exports:\{\}\};t[o][0].call(c.exports,function(e){var n=t[o][1][e];return i(n?n:e)},c.exports,e,t,n,r)}$ return n[o].exports } for(var a="function"==typeof require&&require,o=0;o<r.length;o++)i(r[o]);return i}({1:[function(e,t,n){function r(e,t){e&&Object.keys(e).forEach(function(n){t(e[n],n)})}function  $i(e,t) \{return \{\}.hasOwnProperty.call(e,t)\} function \ a(e,t,n) \{function \ c(e,t) \{var \ a(e,t), var \ a(e,t),$  $n=this; this.tag=e, this.attribs=t||\{\}, this.tagPosition=d.length, this.text="", this.updateParentNodeText=function() { if (x.l., y.l., y.l.,$ ength){var e=x[x.length-1];e.text+=n.text}}}function p(e){return"string"!=typeof  $e\&\&(e+=""),e.replace(\land \&/g,"\&").replace(/</g,"\&lt;").replace(\land >/g,"\&gt;").replace(\land "/g,"\&quot;") \} function$  $h(e,n)\{n=n.replace(/[x00-x20]+/g,""),n=n.replace(/<\!-\-.*?\-\>/g,"");var r=n.match(/^([a-zA-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-action-var-$ Z]+):/);if(!r)return!1;var a=r[1].toLowerCase();return i(t.allowedSchemesByTag,e)?t.allowedSchemesByTag[e].indexOf(a)===-1:!t.allowedSchemes||t.allowedSchemes.indexOf(a)===-1 }function f(e,t){return  $t?(e=e.split(/s+/),e.filter(function(e){return t.indexOf(e)!==-1}),join("")):e}var$ d="";t?(t=s(a.defaults,t),t.parser?t.parser=s(u,t.parser):t.parser=u):(t=a.defaults,t.parser=u);var m,g,y=t.nonTextTags [["script","style","textarea"];t.allowedAttributes&&(m={},g={},r(t.allowedAttributes,function for the state of t  $(e,t){m[t]=[];var}$  $n=[];e.forEach(function(e){e.indexOf("*")>=0?n.push(l(e).replace(/\\\*/g,".*")):m[t].push(e)}),g[t]=new$ RegExp("^("+n.join("|")+")\$")}));var  $v = {};r(t.allowedClasses,function(e,t){m&&(i(m,t)||(m[t]=[]),m[t].push("class")),v[t]=e});var$ b,w={};r(t.transformTags,function(e,t){var n;"function"==typeof e?n=e:"string"==typeof o.Parser({onopentag:function(e,n){if(j)return void E++;var a=new c(e,n);x.push(a);var o,s=!1,l=!!a.text;i(w,e)&&(o=w[e](e,n),a.attribs=n=o.attribs,void  $0! = o.text \&\& (a.innerText=o.text), e! = o.tagName \&\& (a.name=e=o.tagName, S[_]=o.tagName)), b\&\& (o=b(e,n), a.atticket) = (a.name) & (b.a.atticket) & (b.a.atticket) = (a.name) & (b.a.atticket) &$ ribs=n=o.attribs,e!==o.tagName&&(a.name=e=o.tagName,S[\_]=o.tagName)),t.allowedTags&&t.allowedTags.index Of(e) = = -1&&(s = !0, y.indexOf(e)! = = -)!==-1||m["\*"]&&m["\*"].indexOf(n)!==- $1\|i(g,e)\&\&g[e].test(n)\|g["*"]\&\&g["*"].test(n))\{if(("href"===n\|"src"===n)\&\&h(e,t))return void delete$ a.attribs[n];if("class"===n&&(t=f(t,v[e]),!t.length))return void delete a.attribs[n];d+=" "+n,t.length&&(d+='="'+p(t)+"'')}else delete a.attribs[n]}),t.selfClosing.indexOf(e)!==-1?d+=" />":(d+=">",!a.innerText||l||t.textFilter||(d+=a.innerText)))},ontext:function(e){if(!j){var n,r=x[x.length-1];if(r&&(n=r.tag,e=void 0!==r.innerText?r.innerText:e),"script"===n||"style"===n)d+=e;else{var  $i=p(e);d+=t.textFilter?t.textFilter(i):i}if(x.length){var a=x[x.length-$ 1];a.text+=e}}},onclosetag:function(e){if(j){if(E--,E)return;j=!1}var n=x.pop();if(n){if(j=!1,\_--,A[\_])return delete  $\label{eq:action} A[\_], void n.updateParentNodeText(); if(S[\_]\&\&(e=S[\_]), delete S[\_]), t.exclusiveFilter\&\&t.exclusiveFilter(n)) return and the set of t$ void(d=d.substr(0,n.tagPosition));n.updateParentNodeText(),t.selfClosing.indexOf(e)===-

 $1\&\&(d+="</"+e+">")}\}, t. parser); return O. write(e), O. end(), d\} var o=e("htmlparser2"), s=e("xtend"), l=e("regexp-1.5, l=e("xtend"), l=e("regexp-1.5, l=e("xtend"), l$ 

quote");t.exports=a;var

 $u = \{ decodeEntities: !0 \}; a.defaults = \{ allowedTags: ["h3", "h4", "h5", "h6", "blockquote", "p", "a", "ul", "ol", "nl", "li", "b", "i" \}$ 

,"strong","em","strike","code","hr","br","div","table","thead","caption","tbody","tr","th","td","pre"],allowedAttribut es:{a:["href","name","target"],img:["src"]},selfClosing:["img","br","hr","area","base","basefont","input","link","met a"],allowedSchemes:["http","https","ftp","mailto"],allowedSchemesByTag:{},a.simpleTransform=function(e,t,n){r eturn n=void 0===n||n,t=t||{},function(r,i){var a;if(n)for(a in t)i[a]=t[a];else

 $i=t; return \{tagName:e, attribs:i\}\}, \{htmlparser 2:36, "regexp-quote": 54, xtend: 58\}], 2: [function(e,t,n) \{"use strict"; function r() \{for(var equation of the strict of the strict$ 

 $e="ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/",t=0,n=e.length;t<n;++t) \\ l[t]=e[t],u[e.charCodeAt(t)]=t;u["-".charCodeAt(0)]=62,u["_".charCodeAt(0)]=63 \\ function i(e) \\ var \\ i(t) \\ i(t)$ 

t,n,r,i,a,o,s=e.length;if(s%4>0)throw new Error("Invalid string. Length must be a multiple of 4");a="===e[s-2]?2:"="===e[s-1]?1:0,o=new c(3\*s/4-a),r=a>0?s-4:s;var

 $l=0; for(t=0,n=0;t<r;t+=4,n+=3) \\ i=u[e.charCodeAt(t)] <<18 \\ |u[e.charCodeAt(t+1)] <<12 \\ |u[e.charCodeAt(t+2)] <<6 \\ |u[e.charCodeAt(t+2)] \\ <6 \\ |u[e.charCo$ 

 $2 == a?(i = u[e.charCodeAt(t)] << 2|u[e.charCodeAt(t+1)] >> 4, o[1++] = 255\&i): 1 == = a\&\&(i = u[e.charCodeAt(t)] << 10|u[e.charCodeAt(t+1)] << 4|u[e.charCodeAt(t+2)] >> 2, o[1++] = i>> 8\&255, o[1++] = 255\&i), o \$ function a(e) {return 1[e>>18\&63]+1[e>>12\&63]+1[e>>6\&63]+1[63\&e] \function o(e,t,n) {for(var

 $r,i=[],o=t;o<n;o+=3)r=(e[o]<<16)+(e[o+1]<<8)+e[o+2],i.push(a(r));return i.join("")}function s(e){for(var t,n=e.length,r=n%3,i="",a=[],s=16383,u=0,c=n-r;u<c;u+=s)a.push(o(e,u,u+s>c?c:u+s));return 1===r?(t=e[n-1],i+=l[t>>2],i+=l[t<<4\&63],i+="==""):2===r\&\&(t=(e[n-2]<<8)+e[n-1],i+2][t>>2],i+2][t<<4\&63],i+2==r(a,b):a.push(a(r));return 1==a,b):a.push(a(r));return 1==a,b):a.push(a(r));return 1==a,b):a.push(a(r));return 1==a,b):a.push(a(r));return 1==a,b):a.push(a(r));return 1=a,b):a.push(a(r));return 1=a,b)$ 

 $1], i+=l[t>>10], i+=l[t>>4\&63], i+=l[t<<2\&63], i+="="), a.push(i), a.join("") \ n.toByteArray=i, n.fromByteArray=s; var l=[], u=[], c="undefined"!=typeof$ 

Uint8Array?Uint8Array:Array;r()},{}],3:[function(e,t,n){},{}],4:[function(e,t,n){(function(t){"use strict";var r=e("buffer"),i=r.Buffer,a=r.SlowBuffer,o=r.kMaxLength||2147483647;n.alloc=function(e,t,n){if("function"==typeo f i.alloc)return i.alloc(e,t,n);if("number"==typeo f n)throw new TypeError("encoding must not be number");if("number"!=typeof e)throw new TypeError("size must be a number");if(e>o)throw new

RangeError("size is too large");var r=n,a=t;void 0===a&&(r=void 0,a=0);var s=new i(e);if("string"==typeof a)for(var l=new i(a,r),u=l.length,c=-1;++c<e;)s[c]=l[c%u];else s.fill(a);return

s},n.allocUnsafe=function(e){if("function"==typeof i.allocUnsafe)return i.allocUnsafe(e);if("number"!=typeof e)throw new TypeError("size must be a number");if(e>o)throw new RangeError("size is too large");return new i(e)},n.from=function(e,n,r){if("function"==typeof i.from&&(!t.Uint8Array||Uint8Array.from!==i.from))return i.from(e,n,r);if("number"==typeof e)throw new TypeError("value" argument must not be a

number');if("string"==typeof e)return new i(e,n);if("undefined"!=typeof ArrayBuffer&&e instanceof

ArrayBuffer){var a=n;if(1===arguments.length)return new i(e);"undefined"==typeof a&&(a=0);var

o=r;if("undefined"==typeof o&&(o=e.byteLength-a),a>=e.byteLength)throw new RangeError("'offset' is out of bounds");if(o>e.byteLength-a)throw new RangeError("'length' is out of bounds");return new

i(e.slice(a,a+o))}if(i.isBuffer(e)){var s=new i(e.length);return

```
e.copy(s,0,0,e.length),s}if(e){if(Array.isArray(e)||"undefined"!=typeof ArrayBuffer&&e.buffer instanceof
ArrayBuffer||"length"in e)return new i(e);if("Buffer"===e.type&&Array.isArray(e.data))return new i(e.data)}throw
```

new TypeError("First argument must be a string, Buffer, ArrayBuffer, Array, or array-like

```
object.") \}, n. allocUnsafeSlow=function(e) \{ if ("function"==typeof \ i. allocUnsafeSlow) return \\
```

```
i.allocUnsafeSlow(e);if("number"!=typeof e)throw new TypeError("size must be a number");if(e>=o)throw new RangeError("size is too large");return new a(e)}).call(this,"undefined"!=typeof global?global:"undefined"!=typeof self?self:"undefined"!=typeof window?window:{})},{buffer:5}],5:[function(e,t,n){(function(t){"use strict";function r(){try{var e=new Uint8Array(1);return e.__proto__={__proto__:Uint8Array.prototype,foo:function(){return 42}},42===e.foo()&&"function"==typeof
```

e.subarray&&0===e.subarray(1,1).byteLength}catch(t){return!1}}function i(){return

o.TYPED\_ARRAY\_SUPPORT?2147483647:1073741823}function a(e,t){if(i()<t)throw new RangeError("Invalid typed array length");return o.TYPED\_ARRAY\_SUPPORT?(e=new

Uint8Array(t),e.\_\_proto\_\_=o.prototype):(null===e&&(e=new o(t)),e.length=t),e}function

o(e,t,n){if(!(o.TYPED ARRAY SUPPORT||this instance of o))return new o(e,t,n);if("number"==typeof e){if("string"==typeof t)throw new Error("If encoding is specified then the first argument must be a string");return c(this,e)}return s(this,e,t,n)}function s(e,t,n,r){if("number"==typeof t)throw new TypeError("value" argument must not be a number');return"undefined"!=typeof ArrayBuffer&&t instanceof ArrayBuffer?f(e,t,n,r):"string"==typeof t?p(e,t,n):d(e,t){function l(e){if("number"!=typeof e)throw new TypeError(""size" argument must be a number');if(e<0)throw new RangeError("size" argument must not be negative')}function u(e,t,n,r){return  $l(t),t \le 0$ ?a(e,t):void 0!==n?"string"==typeof r?a(e,t).fill(n,r):a(e,t).fill(n):a(e,t)}function c(e,t){if(l(t),e=a(e,t<0?0:0|m(t)),!o.TYPED\_ARRAY\_SUPPORT)for(var n=0;n<t;++n)e[n]=0;return e}function  $p(e,t,n){if("string"==typeof n\&\&""!==n||(n="utf8"),!o.isEncoding(n))throw new TypeError("encoding" must be a$ valid string encoding'); var r=0|y(t,n);e=a(e,r); var i=e.write(t,n); return i!==r&&(e=e.slice(0,i)),e}function h(e,t){var  $n=t.length<0?0:0|m(t.length);e=a(e,n);for(var r=0;r<n;r+=1)e[r]=255\&t[r];return e}function$ f(e,t,n,r){if(t.byteLength,n<0||t.byteLength<n)throw new RangeError("offset' is out of bounds");if(t.byteLength<n+(r||0))throw new RangeError("length' is out of bounds");return t=void 0===n&&void 0===r?new Uint8Array(t):void 0===r?new Uint8Array(t,n):new Uint8Array(t,n,r),o.TYPED\_ARRAY\_SUPPORT?(e=t,e.\_proto\_=o.prototype):e=h(e,t),e}function d(e,t){if(o.isBuffer(t)){var n=0|m(t.length);return}

e=a(e,n),0===e.length?e:(t.copy(e,0,0,n),e)}if(t){if("undefined"!=typeof ArrayBuffer&&t.buffer instanceof ArrayBuffer||"length"in t)return"number"!=typeof

 $t.length||G(t.length)?a(e,0):h(e,t);if("Buffer"===t.type\&&Z(t.data))return h(e,t.data)}throw new TypeError("First argument must be a string, Buffer, ArrayBuffer, Array, or array-like object.")}function m(e){if(e>=i())throw new RangeError("Attempt to allocate Buffer larger than maximum size: 0x"+i().toString(16)+" bytes");return$ 

 $0|e \ function \ g(e) \ function \ g(e) \ function \ g(e,t) \ fu$ 

e.length;if("undefined"!=typeof ArrayBuffer&&"function"==typeof

 $\label{eq:started} ArrayBuffer.isView&&(ArrayBuffer.isView(e)||e instanceof ArrayBuffer))return e.byteLength;"string"!=typeof e&&(e=""+e);var n=e.length;if(0===n)return 0;for(var r=!1;;)switch(t){case"ascii":case"latin1":case"binary":return n;case"utf8":case"utf-8":case void 0:return H(e).length;case"ucs2":case"ucs-2":case"utf16le":case"utf-16le":return 2*n;case"hex":return n>>>1;case"base64":return W(e).length;default:if(r)return 0;$ 

H(e).length;t=(""+t).toLowerCase(),r=!0} function v(e,t,n){var r=!1;if((void

0 == t ||t < 0) & & (t = 0), t > this.length)return""; if((void )) = t < 0 = t ||t < 0) & & (t = 0), t > this.length)return""; if((void )) = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 = t < 0 =

0 === n ||n> this.length) & (n= this.length), n<=0) return""; if (n>>>=0, t>>>=0, n<=t) return""; for (e||(e="utf8");;) switch (e) ||(e="utf8");;) switch

I(this,t,n);case"latin1":case"binary":return D(this,t,n);case"base64":return k(this,t,n);case"ucs-

2":case"utf16le":case"utf-16le":return M(this,t,n);default:if(r)throw new TypeError("Unknown encoding:

"+e);e=(e+"").toLowerCase(),r=!0} function b(e,t,n) {var r=e[t];e[t]=e[n],e[n]=r} function

 $w(e,t,n,r,i) \{ if (0===e.length) return - 1; if ("string"==typeof n?(r=n,n=0): n>2147483647? n=2147483647: n=2147483647; n=2147483667; n=2147483666; n=21483666; n=214748366; n=214748366; n=2147483$ 

2147483648&&(n=-2147483648),n=+n,isNaN(n)&&(n=i?0:e.length-

 $1), n<0\&\&(n=e.length+n), n>=e.length){if(i)return-1; n=e.length-1}else if(n<0){if(!i)return-1; n=e.length-1}else if(n<0){if(!i)return-1}else if(n<0){if(!i)return-1}else if(n<0){if(!i)return-1}else if(n<0){if(!i)return-1}else if(n<0){if(!i)return-1}else if(n<0){if(!i)return-1}else if(n<0){if(!i)return-1}else if(n<0){if(!i$ 

```
1;n=0}if("string"==typeof t&&(t=o.from(t,r)),o.isBuffer(t))return 0===t.length?-1:_(e,t,n,r,i);if("number"==typeof t)return t=255&t,o.TYPED_ARRAY_SUPPORT&&"function"==typeof
```

```
Uint8Array.prototype.indexOf?i?Uint8Array.prototype.indexOf.call(e,t,n):Uint8Array.prototype.lastIndexOf.call(e,t,n):_(e,[t],n,r,i);throw new TypeError("val must be string, number or Buffer")}function _(e,t,n,r,i){function
```

a(e,t){return 1===o?e[t]:e.readUInt16BE(t\*o)}var o=1,s=e.length,l=t.length;if(void

0!==r&&(r=String(r).toLowerCase(),"ucs2"===r||"ucs-2"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"===r||"utf16le"==r||"utf16le"==r||"utf16le"==r||"utf16le"==r||"utf16le"==r||"utf16le"==r||"utf16le"==r||"utf16le"==r||"utf16le"==r||"utf16le"==r||"utf16le"==r||"utf16le"==r||"utf16le"==r||"utf16le"==r||"utf16le"==r||"utf16le"==r||"utf16le"=r||"utf16le"==r||"utf16le"==r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le"=r||"utf16le""utf16le""utf16le""utf16le""utf16le""utf16le""utf16le""utf16le""utf16le""utf16le""utf16le""utf16le""utf16le""utf16le""utf16le""utf16le""utf16le""utf16le""utf16le""utf16le""utf16le""utf16le""utf16le""utf16le""u

 $16le"===r)) \{ if (e.length < 2 || t.length < 2) return - 1; o=2, s/=2, l/=2, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i) \{ var c=-1, n/=2 \} var u; if (i)$ 

 $1; for(u=n; u < s; u++)if(a(e,u) ===a(t, c==-1?0: u-c)) \{ if(c==-1\&\&(c=u), u-c+1===l) return \ c^*o \} else \ c! ==-1\&\&(u-u-c), c=-1 \} else \ for(n+l>s\&\&(n=s-l), u=n; u>=0; u--) \} for(var) = 0; u-c) \} else \ c'=-1\&\&(u-u-c), c'=1 \} else \ c'=-1\&\&(u-u-c), c'=1\&\&(u-u-c), c'=1\&\&$ 

 $p=!0,h=0;h<l;h++)if(a(e,u+h)!==a(t,h)) \{p=!1;break\}if(p)return u\}return-1\}function x(e,t,n,r) \{n=Number(n)||0;varises i=e.length-n;r?(r=Number(r),r>i\&\&(r=i)):r=i;varises i=e.length;if(a%2!==0)throw new TypeError("Invalid hexed background in the second second$ 

string'';r>a/2&&(r=a/2);for(var o=0;o<r;++o){var s=parseInt(t.substr(2\*o,2),16);if(isNaN(s))return} o;e[n+o]=s}return o}function A(e,t,n,r){return Q(H(t,e.length-n),e,n,r)}function S(e,t,n,r){return Q(Y(t),e,n,r) function j(e,t,n,r) freturn S(e,t,n,r) function E(e,t,n,r) freturn Q(W(t),e,n,r) function O(e,t,n,r) freturn Q(J(t,e.length-n),e,n,r)}function k(e,t,n){return 0===t&&n===e.length?K.fromByteArray(e):K.fromByteArray(e.slice(t,n))}function T(e,t,n){n=Math.min(e.length,n);for(var r=[],i=t;i<n;){var}  $a = [i], 0 = null, s = a > 239?4:a > 223?3:a > 191?2:1;if(i+s <= n){var |,u,c,p;switch(s){case 1:a < 128&(0=a);break;case 1:a <$ 2:l=e[i+1],128===(192&l)&&(p=(31&a)<<6|63&l,p>127&&(o=p));break;case 3:l=e[i+1],u=e[i+2],128===(192&l)&&128===(192&u)&&(p=(15&a)<<12|(63&l)<<6|63&u,p>2047&&(p<55296|) |p>57343)&&(o=p));break;case 4:l=e[i+1], u=e[i+2], c=e[i+3], 128===(192&l)&&128===(192&u)&&128===(192&u)&&128===(192&u)&&128===(192&u)&&128===(192&u)&&128===(192&u)&&128===(192&u)&&128===(192&u)&&128===(192&u)&&128===(192&u)&I128===(192&u)&I128===(192&u)&I128===(192&u)&I128===(192&u)&I128===(192&u)&I128===(192&u)&I128===(192&u)&I128===(192&u)&I128===(192&u)&I128===(192&u)&I128===(192&u)&I128===(192&u)&I128===(192&u)&I128===(192&u)&I128===(192&u)&I128===(192&u)&I128===(192&u)&I128===(192&u)&I128===(192&u)&I128===(192&u)&I128==I128U $12|(63\&u) << 6|63\&c,p > 65535\&e < 1114112\&e (o=p)) \}$  null===0?(o=65533,s=1):o>65535&e (o-p)) } =65536,r.push(o>>>10&1023|55296),o=56320|1023&o),r.push(o),i+=s}return C(r){function C(e){var}} t=e.length;if(t<=ee)return String.fromCharCode.apply(String,e);for(var n = "", r = 0; r < t;)n + String.fromCharCode.apply(String,e.slice(r,r+=e));return nfunction I(e,t,n){var}  $r="";n=Math.min(e.length,n); for(var i=t;i<n;++i)r+=String.fromCharCode(127\&e[i]); return r} function D(e,t,n){var i=t;i<n;++i}r+=String.fromCharCode(127\&e[i]); return r} function D(e,t,n){var i=t;i<n;++i}r+=String.fromCharCode(127\e[i]); return r} f$  $r="";n=Math.min(e.length,n);for(var i=t;i<n;++i)r+=String.fromCharCode(e[i]);return r}function L(e,t,n){var}$ r=e.length; (!t||t<0) & (t=0), (!n||n<0||n>r) & (n=r); for (var i="",a=t;a<n;++a)i+=V(e[a]); return i function is the set of the s $M(e,t,n) \{ for(var r=e.slice(t,n), i="",a=0; a< r.length; a+=2)i += String. from CharCode(r[a]+256*r[a+1]); return and the string of the str$ i}function R(e,t,n){if(e%1!==0||e<0)throw new RangeError("offset is not uint");if(e+t>n)throw new RangeError("Trying to access beyond buffer length") {function U(e,t,n,r,i,a) {if(!o.isBuffer(e)) throw new TypeError("buffer" argument must be a Buffer instance');if(t>i||t<a)throw new RangeError("value" argument is out of bounds');if(n+r>e.length)throw new RangeError("Index out of range")}function P(e,t,n,r){t<0&&(t=65535+t+1);for(var i=0,a=Math.min(e.length-n,2);i<a;++i)e[n+i]=(t&255<<8\*(r?i:1-i)e[n+i]=(t&255<<8\*(r?i:1-i)e[n+i]=(t&255<<8\*(r?i:1-i)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&255<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]=(t&25<1)e[n+i]= i) >>> 8\*(r?i:1-i) function q(e,t,n,r) {t<0&&(t=4294967295+t+1); for(var i=0,a=Math.min(e.length-int)) n,4;i<a;++i)e[n+i]=t>>8\*(r?i:3-i)&255 function B(e,t,n,r,i,a){if(n+r>e.length)throw new RangeError("Index out of range");if(n<0)throw new RangeError("Index out of range")}function z(e,t,n,r,i){return illB(e,t,n,4,3.4028234663852886e38,-3.4028234663852886e38),X.write(e,t,n,r,23,4),n+4}function N(e,t,n,r,i){return i||B(e,t,n,8,1.7976931348623157e308,-1.7976931348623157e308),X.write(e,t,n,r,52,8),n+8}function \$(e){if(e=F(e).replace(te,""),e.length<2)return"";for(;e.length%4!==0;)e+="=";return e}function F(e){return e.trim $(:e.trim():e.replace(/^s+|s+g,"')$ function V(e){return e<16?"0"+e.toString(16):e.toString(16)}function H(e,t){t=t||1/0;for(var  $n, r=e.length, i=null, a=[], o=0; o<r; ++o){if(n=e.charCodeAt(o), n>55295\&en<57344){if(!i){if(n>56319){(t-=3)>-1}}} (t-=3)){if(n=e.charCodeAt(o), n>55295\&en<57344){if(!i){(t-=3)>-1}} (t-=3)){if(n=e.charCodeAt(o), n>55295$  $1\&\&a.push(239,191,189); continue if(o+1==r){(t-=3)>-}$ 1&&a.push(239,191,189);continuei=n;continue $if(n<56320){(t=3)>-1\&\&a.push(239,191,189)}, i=n;$ continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;continuei=n;co =1>0)break; a.push(n)}else if(n<2048){if((t=2)<0)break; a.push(n>>6|192,63&n|128)}else if(n<65536){if((t=2)<0)break; a.push(n)>6|192,63&n|128}else if(n<65536){if((t=2)<0)break; a.push =3<0)break;a.push(n>>12|224,n>>6&63|128,63&n|128)}else{if(!(n<1114112))throw new Error("Invalid code in the second sec point"; if ((t=4)<0) break; a. push(n>>18|240, n>>12&63|128, n>>6&63|128, 63&n|128)} return a function Y(e){for(var t=[],n=0;n<e.length;++n)t.push(255&e.charCodeAt(n));return t}function J(e,t){for(var n,r,i,a=[],o=0;o<e.length&&!((t=2)<0);++o)n=e.charCodeAt(o),r=n>>8,i=n%256,a.push(i),a.push(r);return is the second seca}function W(e){return K.toByteArray(\$(e))}function Q(e,t,n,r){for(var  $i=0;i<r\&\&!(i+n)=t.length||i>=e.length);++i)t[i+n]=e[i];return i}function G(e){return e!==e}var K=e("base64-interval and interval and$ js"),X=e("ieee754"),Z=e("isarray");n.Buffer=o,n.SlowBuffer=g,n.INSPECT\_MAX\_BYTES=50,o.TYPED\_ARRA Y\_SUPPORT=void 0!==t.TYPED\_ARRAY\_SUPPORT?t.TYPED\_ARRAY\_SUPPORT:r(),n.kMaxLength=i(),o.poolSize=8192,o.\_aug

ment=function(e){return e.\_\_proto\_\_=o.prototype,e},o.from=function(e,t,n){return

s(null,e,t,n)},o.TYPED\_ARRAY\_SUPPORT&&(o.prototype.\_\_proto\_\_=Uint8Array.prototype,o.\_\_proto\_\_=Uint8 Array,"undefined"!=typeof

 $\label{eq:symbol} Symbol.species \& o[Symbol.species] == = o \& Object.defineProperty(o,Symbol.species, \{value:null,configurable:!0\})), o.alloc=function(e,t,n) \{return u(null,e,t,n)\}, o.allocUnsafe=function(e) \{return u(null,e,t,n)\}, o.allocUnsaf$ 

 $c(null,e)\}, o.allocUnsafeSlow=function(e)\{return$ 

 $c(null,e) \}, o.isBuffer=function(e) \{return!(null==e||!e._isBuffer) \}, o.compare=function(e,t) \{if(!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuffer(e)||!o.isBuff$ 

 $n=e.length, r=t.length, i=0, a=Math.min(n,r); i<a;++i)if(e[i]!==t[i]) \{n=e[i], r=t[i]; break \} return n < r < n-1 < n-$ 

 $1:r < n?1:0\}, o.is Encoding=function(e) \{ switch(String(e).toLowerCase()) \{ case"hex": case"utf8": c$ 

8":case"ascii":case"latin1":case"binary":case"base64":case"ucs2":case"ucs-2":case"utf16le":case"utf-

16le":return!0;default:return!1}},o.concat=function(e,t){if(!Z(e))throw new TypeError("list" argument must be an Array of Buffers');if(0==e.length)return o.alloc(0);var n;if(void = e.length)

 $0 === t) for(t = 0, n = 0; n < e.length; ++n)t + = e[n].length; var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++n) {var r = o.allocUnsafe(t), i = 0; for(n = 0; n < e.length; ++$ 

 $a{=}e[n]; if (!o.isBuffer(a)) throw new TypeError(""list" argument must be an Array of$ 

 $Buffers'); a.copy(r,i), i+=a.length \} return$ 

r, o.byteLength=y,o.prototype.\_isBuffer=!0,o.prototype.swap16=function(){var e=this.length;if(e%2!==0)throw new RangeError("Buffer size must be a multiple of 16-bits");for(var t=0;t<e;t+=2)b(this,t,t+1);return

 $this, o. prototype.swap32=function() \{ var e=this.length; if (e\%4!==0) throw new RangeError("Buffer size must be a multiple of 32-bits"); for (var t=0; t<e; t=4) b(this, t, t+3), b(this, t+1, t+2); return$ 

this},o.prototype.swap64=function(){var e=this.length;if(e%8!==0)throw new RangeError("Buffer size must be a multiple of 64-bits");for(var t=0;t<e;t+=8)b(this,t,t+7),b(this,t+1,t+6),b(this,t+2,t+5),b(this,t+3,t+4);return this},o.prototype.toString=function(){var e=0}this.length;return

0===e?"":0===arguments.length?T(this,0,e):v.apply(this,arguments)},o.prototype.equals=function(e){if(!o.isBuffer (e))throw new TypeError("Argument must be a Buffer");return

 $this===e||0===0.compare(this,e)\}, o.prototype.inspect=function() \{var e="",t=n.INSPECT_MAX_BYTES; return this.length>0&&(e=this.toString("hex",0,t).match(/.{2}/g).join(" "),this.length>t&&(e+=" ... ")),"<Buffer "+e+">" \}, o.prototype.compare=function(e,t,n,r,i){if(!o.isBuffer(e))throw new TypeError("Argument must be a Buffer"); if(void 0===t&&(t=0), void 0===n&&(n=e)e.length:0), void 0===r&&(r=0), void 0===r&(r=0), void 0===r&&(r=0), void 0==r&&(r=0), void 0=$ 

0 == i&&(i=this.length), t < 0 || n > e.length || r < 0 || i>this.length) throw new RangeError("out of range

```
index");if(r>=i&&t>=n)return 0;if(r>=i)return-1;if(t>=n)return
```

1;if(t>>>=0,n>>>=0,r>>>=0,i>>>=0,this===e)return 0;for(var a=i-r,s=n-

 $t,l=Math.min(a,s),u=this.slice(r,i),c=e.slice(t,n),p=0;p<l;++p)if(u[p]!==c[p]){a=u[p],s=c[p];break}return a<s?-1:s<a?1:0},o.prototype.includes=function(e,t,n){return this.indexOf(e,t,n)!==-}$ 

S(this,e,t,n);case"latin1":case"binary":return j(this,e,t,n);case"base64":return E(this,e,t,n);case"ucs-2":case"utf16le":case"utf-16le":return O(this,e,t,n);default:if(a)throw new TypeError("Unknown encoding: "+r);r=(""+r).toLowerCase(),a=!0},o.prototype.toJSON=function(){return{type:"Buffer",data:Array.prototype.slice

.call(this.\_arr||this,0)}};var ee=4096;o.prototype.slice=function(e,t){var n=this.length;e=~~e,t=void

0 === t?n: ~~t,e< 0?(e + = n, e < 0 &&(e = 0)): e > n &&(e = n), t < 0?(t + = n, t < 0 &&(t = 0)): t > n &&(t = n), t < 0?(t + = n, t < 0 &&(t = 0)): t > n &&(t = n), t < 0?(t + = n, t < 0 &&(t = 0)): t > n &&(t = n), t < 0?(t + n, t < 0 &&(t = n)): t > n &&(t = n), t < 0?(t + n, t < 0 &&(t = n)): t > n &&(t = n), t < 0?(t + n, t < 0 &&(t = n)): t > n &&(t = n), t < 0?(t + n, t < 0 &&(t = n)): t > n &&(t = n), t < 0?(t + n, t < 0 &&(t = n)): t > n &&(t = n), t < 0?(t + n, t < 0 &&(t = n)): t > n &&(t = n), t < 0?(t + n, t < 0 &&(t = n)): t > n &&(t = n), t < 0?(t + n, t < 0 &&(t = n)): t > n &&(t = n), t < 0?(t + n, t < 0 &&(t = n)): t > n &&(t = n), t < 0?(t + n, t < 0 &&(t = n)): t > n &&(t = n), t < 0?(t + n, t < 0 &&(t = n)): t > n &&(t = n), t < 0?(t + n, t < 0 &&(t = n)): t > n &&(t = n), t < 0?(t + n, t < 0 &&(t = n)): t > n &&(t = n), t < 0?(t + n, t < 0 &&(t = n)): t > n &&(t = n), t < 0.

t<e&&(t=e);var r;if(o.TYPED\_ARRAY\_SUPPORT)r=this.subarray(e,t),r.\_\_proto\_\_=o.prototype;else{var i=t-e;r=new o(i,(void 0));for(var a=0;a<i;++a)r[a]=this[a+e]}return

 $r\}, o. prototype. readUIntLE=function(e,t,n) \{e=0 | e,t=0 | t,n | | R(e,t,this.length); for(var) = 0 | e,t=0 | t,n | R(e,t,this.length); for(var) = 0 | e,t=0 | t,n | R(e,t,this.length); for(var) = 0 | e,t=0 | t,n | R(e,t,this.length); for(var) = 0 | e,t=0 | t,n | R(e,t,this.length); for(var) = 0 | e,t=0 | t,n | R(e,t,this.length); for(var) = 0 | e,t=0 | t,n | R(e,t,this.length); for(var) = 0 | e,t=0 | t,n | R(e,t,this.length); for(var) = 0 | e,t=0 | t,n | R(e,t,this.length); for(var) = 0 | t,n | t,n | R(e,t,this.length); for(var) = 0 | t,n | t,$ 

```
r=this[e], i=1, a=0; ++a < t \& (i = 256); r=this[e+a] i; return
```

r, o.prototype.readUIntBE=function(e,t,n){e=0|e,t=0|t,n||R(e,t,this.length);for(var r=this[e+--

 $t], i=1; t>0 \&\& (i*=256); )r+= this[e+--t]*i; return r \}, o. prototype.readUInt8= function(e,t) \{return r, b, c, return r, b, return r, b, return r, b, c, return r, b, retu$ 

 $t||R(e,1,this.length),this[e]\}, o.prototype.readUInt16LE=function(e,t){return}$ 

 $t \| R(e,2,this.length), this[e] \| this[e+1] <<\!8\}, o. prototype.readUInt16BE=function(e,t) \{ return length lengt$ 

t||R(e,2,this.length),this[e]<<8|this[e+1]},o.prototype.readUInt32LE=function(e,t){return

 $t||R(e,4,this.length),(this[e]|this[e+1]<<8|this[e+2]<<16)+16777216*this[e+3]\}, o. prototype.readUInt32BE=function (e,t){return}$ 

 $t||R(e,4,this.length),16777216*this[e]+(this[e+1]<<16|this[e+2]<<8|this[e+3])\}, o. prototype.readIntLE=function(e,t,n) \\ e=0|e,t=0|t,n||R(e,t,this.length); for(var r=this[e],i=1,a=0;++a<t\&\&(i*=256);)r+=this[e+a]*i; return \\ i*=128,r>=i\&\&(r-a)$ 

=Math.pow(2,8\*t)),r},o.prototype.readIntBE=function(e,t,n){e=0|e,t=0|t,n||R(e,t,this.length);for(var r=t,i=1,a=this[e+--r];r>0&&(i\*=256);)a+=this[e+--r]\*i;return i\*=128,a>=i&&(a--212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-212)(a+-21

=Math.pow(2,8\*t)),a},o.prototype.readInt8=function(e,t){return t||R(e,1,this.length),128&this[e]?(255-this[e]+1)\*-

1:this[e]},o.prototype.readInt16LE=function(e,t){t||R(e,2,this.length);var n=this[e]|this[e+1]<<8;return

 $32768 \&n? 4294901760 |n:n\}, o. prototype.readInt 16BE = function(e,t) \{t || R(e,2,this.length); variable is a straight of the straight of th$ 

 $n=this[e+1]|this[e]<<8; return\ 32768\&n?4294901760|n:n\}, o. prototype.readInt32LE=function(e,t) \{return\ n=this[e+1]|this[e]<<8; return\ 32768\&n?4294901760|n:n], o. prototype.readInt32LE=function(e,t) \{return\ n=this[e+1]|this[e]<<8; return\ 32768\&n?4294901760|n:n], o. prototype.readInt32LE=function(e,t) \{return\ n=this[e+1]|this[e]<<8; return\ 32768\&n?4294901760|n:n], o. prototype.readInt32LE=function(e,t) \{return\ n=this[e+1]|this[e]<8; return\ 32768\&n?4294901760|n:n], o. prototype.readInt32LE=function(e,t) \{return\ n=this[e+1]|this[e]<8; return\ n=this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this$ 

 $t||R(e,4,this.length),this[e]|this[e+1]<<8|this[e+2]<<16|this[e+3]<<24\}, o.prototype.readInt32BE=function(e,t){returnn} \\ n$ 

 $t||R(e,4,this.length),this[e] << 24|this[e+1] << 16|this[e+2] << 8|this[e+3]\}, o.prototype.readFloatLE=function(e,t){return t||R(e,4,this.length),X.read(this,e,!0,23,4)}, o.prototype.readFloatBE=function(e,t){return t||R(e,4,this,!0,23,4)}, o.prototype.readFloatBE=function(e,t){return t||R(e,4,this,!0,23,4)},$ 

 $t \| R(e,4,this.length), X.read(this,e,11,23,4) \}, o.prototype.readDoubleLE=function(e,t) \{ return length), return length lengt$ 

 $t||R(e,8,this.length), X.read(this,e,!0,52,8)\}, o.prototype.readDoubleBE=function(e,t){return}$ 

 $t||R(e,8,this.length), X.read(this,e,!1,52,8)\}, o.prototype.writeUIntLE=function(e,t,n,r) \{if(e=+e,t=0|t,n=0|n,!r) \{var(t,n), var(t,n), var(t,n)$ 

 $i=Math.pow(2,8*n)-1; U(this,e,t,n,i,0) \} var a=1, o=0; for(this[t]=255\&e; ++o < n\&\&(a*=256);) this[t+o]=e/a\&255; return = 0.566; return = 0.$ 

 $1; U(this, e, t, n, i, 0) \} var a = n-1, o = 1; for(this[t+a] = 255 \&e; -a > = 0 \&\& (o^* = 256);) this[t+a] = e/o\& 255; return = 1, o = 1; for(this[t+a] = 255 \&e; -a > = 0 \&\& (o^* = 256);) this[t+a] = e/o\& 255; return = 1, o = 1; for(this[t+a] = 255 \&e; -a > = 0 \&\& (o^* = 256);) this[t+a] = e/o\& 255; return = 1, o = 1; for(this[t+a] = 255 \&e; -a > = 0 \&\& (o^* = 256);) this[t+a] = e/o\& 255; return = 1, o = 1; for(this[t+a] = 255 \&e; -a > = 0 \&\& (o^* = 256);) this[t+a] = e/o\& 255; return = 1, o = 1; for(this[t+a] = 0; o = 1; for(thi$ 

t+n},o.prototype.writeUInt8=function(e,t,n){return

 $e=+e,t=0|t,n||U(this,e,t,1,255,0),o.TYPED\_ARRAY\_SUPPORT||(e=Math.floor(e)),this[t]=255\&e,t+1\},o.prototype. writeUInt16LE=function(e,t,n){return}$ 

 $e=+e,t=0|t,n||U(this,e,t,2,65535,0), o.TYPED\_ARRAY\_SUPPORT?(this[t]=255\&e,this[t+1]=e>>>8):P(this,e,t,!0),t+2|, o.prototype.writeUInt16BE=function(e,t,n){return}$ 

 $e=+e,t=0|t,n||U(this,e,t,2,65535,0), o.TYPED\_ARRAY\_SUPPORT?(this[t]=e>>>8, this[t+1]=255\&e):P(this,e,t,!1), t+2|, o.prototype.writeUInt32LE=function(e,t,n){return}$ 

 $e=+e,t=0|t,n||U(this,e,t,4,4294967295,0), o.TYPED\_ARRAY\_SUPPORT?(this[t+3]=e>>>24,this[t+2]=e>>>16,this[t+1]=e>>>8,this[t]=255\&e):q(this,e,t,!0),t+4\}, o.prototype.writeUInt32BE=function(e,t,n){return} = 0.55\%e$ 

 $e=+e,t=0|t,n||U(this,e,t,4,4294967295,0), o.TYPED_ARRAY_SUPPORT?(this[t]=e>>>24,this[t+1]=e>>>16,this[t+2]=e>>>8,this[t+3]=255\&e):q(this,e,t,!1),t+4\}, o.prototype.writeIntLE=function(e,t,n,r){if(e=+e,t=0|t,!r){var}i=Math.pow(2,8*n-1);U(this,e,t,n,i-1,-i)}var$ 

 $a=0, o=1, s=0; for(this[t]=255\&e; ++a < n\&\&(o^{*}=256);) e<0\&\&0===s\&\&0!==this[t+a-1]\&\&(s=1), this[t+a]=(e/o>>0)-s\&255; return t+n \}, o. prototype.writeIntBE=function(e,t,n,r) { if (e=+e,t=0|t,!r) { var i=Math.pow(2,8*n-text) { var i=Math.pow(2,8*$ 

1);U(this,e,t,n,i-1,-i)}var a=n-1,o=1,s=0;for(this[t+a]=255&e;--

a>=0&&(o\*=256);)e<0&&0===s&&0!==this[t+a+1]&&(s=1),this[t+a]=(e/o>>0)-s&255;return

 $128), o.TYPED\_ARRAY\_SUPPORT||(e=Math.floor(e)), e<0\&\&(e=255+e+1), this[t]=255\&e, t+1\}, o.prototype.writeInt16LE=function(e,t,n){return e=+e, t=0|t,n||U(this,e,t,2,32767,-1000)} and the set of the$ 

 $32768), o.TYPED\_ARRAY\_SUPPORT?(this[t]=255\&e,this[t+1]=e>>>8):P(this,e,t,!0),t+2\}, o.prototype.writeInt16\\BE=function(e,t,n){return e=+e,t=0|t,n||U(this,e,t,2,32767,-100))}$ 

 $\label{eq:solution} \begin{array}{l} 32768), o.TYPED\_ARRAY\_SUPPORT?(this[t]=e>>>8, this[t+1]=255\&e): P(this, e, t, !1), t+2 \}, o. prototype.writeInt32 \\ LE=function(e, t, n) \{return \ e=+e, t=0 | t, n || U(this, e, t, 4, 2147483647, -1000) \} \\ \end{array}$ 

2147483648),o.TYPED\_ARRAY\_SUPPORT?(this[t]=255&e,this[t+1]=e>>>8,this[t+2]=e>>>16,this[t+3]=e>>>24 ):q(this,e,t,!0),t+4},o.prototype.writeInt32BE=function(e,t,n){return e=+e,t=0|t,n||U(this,e,t,4,2147483647,-1000)2147483648),e<0&&(e=4294967295+e+1),o.TYPED\_ARRAY\_SUPPORT?(this[t]=e>>>24,this[t+1]=e>>>16,this [t+2]=e>>>8,this[t+3]=255&e):q(this,e,t,!1),t+4},o.prototype.writeFloatLE=function(e,t,n){return z(this,e,t,!0,n)},o.prototype.writeFloatBE=function(e,t,n){return z(this,e,t,!1,n)},o.prototype.writeDoubleLE=function(e,t,n){return N(this,e,t,!0,n)},o.prototype.writeDoubleBE=function(e,t,n){return N(this,e,t,!1,n), o.prototype.copy=function(e,t,n,r){if(n||(n=0),r||0===r||(r=this.length),t>=e.length&(t=e.length),t||} (t=0), r>0&&r<n&&(r=n), r===n) return 0; if (0===e.length||0===this.length) return 0; if (t<0) throw new RangeError("targetStart out of bounds");if(n<0||n>=this.length)throw new RangeError("sourceStart out of bounds");if(r<0)throw new RangeError("sourceEnd out of bounds");r>this.length&&(r=this.length),e.length-t<rn&&(r=e.length-t+n); var i, a=r-n; if(this===e&&n<t&k<t<r) for(i=a-1; i>=0; -i)e[i+t]=this[i+n]; else in the set of theif(a<1e3||!o.TYPED\_ARRAY\_SUPPORT)for(i=0;i<a;++i)e[i+t]=this[i+n];else Uint8Array.prototype.set.call(e,this.subarray(n,n+a),t);return a},o.prototype.fill=function(e,t,n,r){if("string"==typeof e){if("string"==typeof t?(r=t,t=0,n=this.length):"string"==typeof n&&(r=n,n=this.length),1===e.length){var i=e.charCodeAt(0);i<256&&(e=i)}if(void 0!==r&&"string"!=typeof r)throw new TypeError("encoding must be a string");if("string"==typeof r&&!o.isEncoding(r))throw new TypeError("Unknown encoding: "+r)}else"number"==typeof e&&(e=255&e);if(t<0||this.length<t||this.length<n)throw new RangeError("Out of range index"); if  $(n \le t)$  return this;  $t \ge 0$ , n = void 0 = = n? this.length:  $n \ge 0$ ,  $e \parallel (e = 0)$ ; var a; if ("number" = type of the set of the)for(a=t;a<n;++a)this[a]=e;else{var s=0.isBuffer(e)?e:H(new o(e,r).toString()),l=s.length;for(a=0;a<nt;++a)thisa+t]=s[a%1]return this $;var te=/[^+/(0-9A-Za-z-)/g).call(this,"undefined"!=typeof$ global?global:"undefined"!=typeof self?self:"undefined"!=typeof window?window:{})},{"base64js":2,ieee754:37,isarray:40}],6:[function(e,t,n){(function(e){function t(e){return  $\operatorname{Array.isArray}(\operatorname{Array})==g(e)$  function r(e) {return "boolean"==type of e} function i(e){return null===e}function a(e){return null==e}function o(e){return "number"==typeof e}function s(e){return"string"==typeof e}function l(e){return"symbol"==typeof e}function u(e){return void 0===e}function c(e){return"[object RegExp]"===g(e)}function p(e){return"object"==typeof e&&null!==e}function h(e){return"[object Date]"===g(e)}function f(e){return"[object Error]"===g(e)||e instance of Error}function d(e){return"function"==typeof e}function m(e){return null===e||"boolean"==typeof e||"number"==typeof ell"string"==typeof ell"symbol"==typeof ell"undefined"==typeof elfunction g(e){return Object.prototype.toString.call(e) n.isArray=t, n.isBoolean=r, n.isNull=i, n.isNullOrUndefined=a, n.isNumber=o, n.isString=s,n.isSymbol=l,n.isUndefined=u,n.isRegExp=c,n.isObject=p,n.isDate=h,n.isError=f,n.isFunction=d,n.isPrimiti ve=m,n.isBuffer=e.isBuffer}).call(this,{isBuffer:e("../../is-buffer/index.js")})},{"../../isbuffer/index.js":39}],7:[function(e,t,n){function r(e,t){if(e){var n,r="";for(var i in e)n=e[i],r&&(r+=" "),r+=!n&&p[i]?i:i+'="'+(t.decodeEntities?c.encodeXML(n):n)+'''';return r} function i(e,t){"svg"===e.name&&(t={decodeEntities:t.decodeEntities,xmlMode:!0});var n="<"+e.name,i=r(e.attribs,t);return i&&(n+=" "+i, t.xmlMode||e.children&&0!==e.children.length?(n+=">",e.children&&(n+=d(e.children,t)), f[e.name]&&!t.xml $Mode || (n+="</"+e.name+">")):n+="/>",n \} function a(e) \{return"<"+e.data+">" \} function o(e,t) \{ var(a,b,c), a(b,c), a(b,c)$  $n=e.data||''';return!t.decodeEntities||e.parent&&e.parent.name in h||(n=c.encodeXML(n)),n}function$ s(e){return"<![CDATA["+e.children[0].data+"]]>"}function l(e){return"<!--"+e.data+"-->"}var u=e("domelementtype"),c=e("entities"),p={\_\_proto\_\_:null,allowfullscreen:!0,async:!0,autofocus:!0,autoplay:!0,chec ked: !0, controls: !0, "default": !0, defer: !0, disabled: !0, hidden: !0, ismap: !0, loop: !0, multiple: !0, muted: !0, open: !0, readonly :!0,required:!0,reversed:!0,scoped:!0,seamless:!0,selected:!0,typemustmatch:!0},h={\_\_proto\_\_:null,style:!0,script:!0 ,xmp:!0,iframe:!0,noembed:!0,noframes:!0,plaintext:!0,noscript:!0},f={\_\_proto\_\_:null,area:!0,base:!0,basefont:!0,br

 $:!0,col:!0,command:!0,embed:!0,frame:!0,hr:!0,img:!0,input:!0,isindex:!0,keygen:!0,link:!0,meta:!0,param:!0,source:!0,track:!0,wbr:!0},d=t.exports=function(e,t){Array.isArray(e)||e.cheerio||(e=[e]),t=t||{};for(varn="",r=0;r<e.length;r++){var}}$ 

 $c=e[r];n+="root"===c.type?d(c.children,t):u.isTag(c)?i(c,t):c.type===u.Directive?a(c):c.type===u.Comment?l(c):c.type===u.CDATA?s(c):o(c,t)}return$ 

 $n \} , \{ domelement type: 8, entities: 20 \} ], 8: [function(e,t,n) \{ t.exports = \{ Text: "text", Directive: "directive", Comment: "comment", Script: "script", Style: "style", Tag: "tag", CDATA: "cdata", is Tag: function(e) { return "tag" ===e.type || "script" ===e.type || "style" ===e.type || }, { } ], 9: [function(e,t,n) { t.exports = { Text: "text", Directive: "directive", Comment: "comment", Script: "script", Style: "style", Tag: "tag", CDATA: "cdata", Doctype: "doctype ", is Tag: function(e) { return "tag" ===e.type || "script" ===e.type || "style" ===e.type || "style ===e.t$ 

 $t\&\&(n=t,t=l), this\_callback=e, this\_options=t||l, this\_elementCB=n, this.dom=[], this\_done=!1, this\_tagStack=[], this\_parser=this\_parser=||null}var$ 

 $i=e("domelementtype"), a=/(s+/g, o=e("./lib/node"), s=e("./lib/element"), l=\{normalizeWhitespace:!1, withStartIndices: !1\}; r.prototype.onparserinit=function(e) {this._parser=e}, r.prototype.onreset=function() {r.call(this,this._callback,this._options,this._elementCB)}, r.prototype.onend=function() {this._done||(this._done=!0,this._parser=null,this._handle Callback(null))}, r.prototype._handleCallback=r.prototype.onerror=function(e) {if("function"==typeof")}, r.prototype.onerror=function(function"), r.function"), r.function", r.function", r.function", r.function", r.function", r.function"), r.function", r.fun$ 

 $this.\_callback) this.\_callback(e, this.dom); else if (e) throw \ e\}, r. prototype.oncloset ag=function() \{var_{i}, var_{i}, var$ 

e=this.\_tagStack.pop();this.\_elementCB&&this.\_elementCB(e)},r.prototype.\_addDomElement=function(e){var t=this.\_tagStack[this.\_tagStack.length-1],n=t?t.children:this.dom,r=n[n.length-

 $\label{eq:linear} 1]; e.next=null, this._options.withStartIndices\&\&(e.startIndex=this._parser.startIndex), this._options.withDomLvl1\& \& (e.\_proto\_="tag"===e.type?s:o), r?(e.prev=r,r.next=e):e.prev=null, n.push(e), e.parent=t||null \}, r.prototype.onopen tag=function(e,t) {var} \\$ 

n={type:"script"===e?i.Script:"style"===e?i.Style:i.Tag,name:e,attribs:t,children:[]};this.\_addDomElement(n),this. \_tagStack.push(n)},r.prototype.ontext=function(e){var

t,n=this.\_options.normalizeWhitespace||this.\_options.ignoreWhitespace;!this.\_tagStack.length&&this.dom.length& &(t=this.dom[this.dom.length-1]).type===i.Text?n?t.data=(t.data+e).replace(a,"

"):t.data+=e:this.\_tagStack.length&&(t=this.\_tagStack[this.\_tagStack.length-1])&&(t=t.children[t.children.length-

1])&&t.type===i.Text?n?t.data=(t.data+e).replace(a," "):t.data+=e:(n&&(e=e.replace(a,"

")), this.\_addDomElement({data:e, type: i.Text}))}, r.prototype.oncomment=function(e){var}

t=this.\_tagStack[this.\_tagStack.length-1];if(t&&t.type===i.Comment)return void(t.data+=e);var

 $n = \{ data:e, type: i.Comment \}; this\_addDomElement(n), this\_tagStack.push(n) \}, r.prototype.oncdatastart=function() \{ v ar (n) \}, r.prototype.oncdatastart=function() \}$ 

 $e=\{children:[\{data:"",type:i.Text\}],type:i.CDATA\};this._addDomElement(e),this._tagStack.push(e)\},r.prototype.on commentend=r.prototype.oncdataend=function() {this._tagStack.pop()},r.prototype.onprocessinginstruction=function n(e,t){this._addDomElement({name:e,data:t,type:i.Directive})},t.exports=r},{"./lib/element":11,"./lib/node":12,dom elementtype:9}],11:[function(e,t,n){var}]$ 

 $r=e("./node"),i=t.exports=Object.create(r),a={tagName:"name"};Object.keys(a).forEach(function(e){var t=a[e];Object.defineProperty(i,e,{get:function()}{return this[t]||null},set:function(e){return this[t]||null},set:function(e){return}}$ 

this[t]=e,e}))),{"./node":12}],12:[function(e,t,n){var r=t.exports={get firstChild(){var e=this.children;return e&&e[0]||null},get lastChild(){var e=this.children;return e&&e[e.length-1]||null},get nodeType(){return}

 $a[this.type] ||a.element\}, i=\{tagName:"name", childNodes:"children", parentNode:"parent", previousSibling:"prev", nextSibling:"next", nodeValue:"data"\}, a=\{element:1, text:3, cdata:4, comment:8\}; Object.keys(i).forEach(function(e) \{vart=i[e]; Object.defineProperty(r, e, {get:function() {return this[t]||null}, set:function(e) {return this[t]||null}, set:function($ 

this[t]=e,e}}))),{}],13:[function(e,t,n){var}

 $r=t.exports; [e("./lib/stringify"), e("./lib/traversal"), e("./lib/manipulation"), e("./lib/querying"), e("./lib/legacy"), e("./lib/helpers")]. forEach(function(e){Object.keys(e).forEach(function(t){r[t]=e[t].bind(r)})}, {"./lib/helpers":14, "./lib/legacy":15, "./lib/manipulation":16, "./lib/querying":17, "./lib/stringify":18, "./lib/traversal":19}], 14: [function(e,t,n){n.rem}] = 0.5 \ mathcal{eq:traversal} = 0.5 \ math$ 

```
oveSubsets=function(e){for(var t,n,r,i=e.length;-i>-1;){for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n)>-i)}{for(t=n=e[i],e[i]=null,r=!0;n;){if(e.indexOf(n))}{for(t=n=e[i],e[i]=null,r=!0;n;
 1{r=!1,e.splice(i,1);break}n=n.parent}r&&(e[i]=t)}return e};var
r={DISCONNECTED:1,PRECEDING:2,FOLLOWING:4,CONTAINS:8,CONTAINED_BY:16},i=n.compareDocu
mentPosition=function(e,t){var n,i,a,o,s,l,u=[],c=[];if(e===t)return
0; for (n=e;n;)u.unshift(n), n=n.parent; for (n=t;n;)c.unshift(n), n=n.parent; for (l=0;u[1]===c[1];)l++; return [n] = (l=0;u[1]==-c[1];)l++; return [n] = (l=0;u[1]==-c[1]
0===1?r.DISCONNECTED:(i=u[1-
 1],a=i.children,o=u[1],s=c[1],a.indexOf(o)>a.indexOf(s)?i===t?r.FOLLOWING|r.CONTAINED BY:r.FOLLOWIN
G:i===e?r.PRECEDING|r.CONTAINS:r.PRECEDING)};n.uniqueSort=function(e){var
t,n,a=e.length; for(e=e.slice();-a>-1;)t=e[a],n=e.indexOf(t),n>-1\&&n<a\&&e.splice(a,1); return
e.sort(function(e,t){var n=i(e,t);return n&r.PRECEDING?-
 1:n&r.FOLLOWING?1:0}),e}},{}],15:[function(e,t,n){function r(e,t){return"function"==typeof
t?function(n){return n.attribs&&t(n.attribs[e])}:function(n){return n.attribs&&n.attribs[e]===t}}function
i(e,t){return function(n){return e(n)||t(n)}}var
a=e("domelementtype"),o=n.isTag=a.isTag;n.testElement=function(e,t){for(var n in
e)if(e.hasOwnProperty(n)){if("tag_name"===n){if(!o(t)||!e.tag_name(t.name))return!1}else
if("tag_type"===n){if(!e.tag_type(t.type))return!1}else
if("tag_contains"===n){if(o(t)||!e.tag_contains(t.data))return!1}else
if(!t.attribs||!e[n](t.attribs[n]))return!1}else;return!0};var s={tag name:function(e){return"function"==typeof
e?function(t){return o(t)&&e(t.name)}:"*"===e?o:function(t){return
o(t)&&t.name===e}},tag_type:function(e){return"function"==typeof e?function(t){return
e(t.type)}:function(t){return t.type===e}},tag contains:function(e){return"function"==typeof
e?function(t){return!o(t)&&e(t.data)}:function(t){return!o(t)&&t.data===e}}};n.getElements=function(e,t,n,a){var}
o=Object.keys(e).map(function(t){var n=e[t];return t in s?s[t](n):r(t,n)});return
0===0.length?[]:this.filter(o.reduce(i),t,n,a)},n.getElementById=function(e,t,n){return
Array.isArray(t)||(t=[t]),this.findOne(r("id",e),t,n!==!1)\},n.getElementsByTagName=function(e,t,n,r){return}
this.filter(s.tag_name(e),t,n,r)},n.getElementsByTagType=function(e,t,n,r){return
 this.filter(s.tag_type(e),t,n,r)}},{domelementtype:9}],16:[function(e,t,n){n.removeElement=function(e){if(e.prev&
 &(e.prev.next=e.next),e.next&&(e.next.prev=e.prev),e.parent){var
t=e.parent.children;t.splice(t.lastIndexOf(e),1)}},n.replaceElement=function(e,t){var
n=t.prev=e.prev;n&&(n.next=t);var r=t.next=e.next;r&&(r.prev=t);var i=t.parent=e.parent;if(i){var
a=i.children;a[a.lastIndexOf(e)]=t\}, n.appendChild=function(e,t){if(t.parent=e,1!==e.children.push(t)){var}}
n=e.children[e.children.length-2];n.next=t,t.prev=n,t.next=null}},n.append=function(e,t){var
n=e.parent,r=e.next;if(t.next=r,t.prev=e,e.next=t,t.parent=n,r){if(r.prev=t,n){var
i=n.children; i.splice(i.lastIndexOf(r),0,t)\}else n&&n.children.push(t)},n.prepend=function(e,t){var}
n=e.parent;if(n){var
r=n.children;r.splice(r.lastIndexOf(e),0,t)}e.prev&&(e.prev.next=t),t.parent=n,t.prev=e.prev,t.next=e,e.prev=t}}, {}],
 17:[function(e,t,n){function r(e,t,n,r){return Array.isArray(t)||(t=[t]),"number"==typeof
r\&\&isFinite(r)||(r=1/0),i(e,t,n!==!1,r)\}function i(e,t,n,r){for(var
a,o=[],s=0,l=t.length;s<1&&!(e(t[s])&&(o.push(t[s]),--
r <= 0)) & (a=t[s].children,!(n& a&a&a.length>0& (a=i(e,a,n,r),o=o.concat(a),r-=a.length,r<=0)));s++);return (b,a) = 0
o function a(e,t) for (var n=0, r=t.length; n<r; n++) if (e(t[n])) return t[n]; return null function o(e,t) for (var
n=null, r=0, i=t.length; r< i\&\&!n; r++)u(t[r])\&\&(e(t[r])?n=t[r]:t[r].children.length>0\&\&(n=o(e,t[r].children))); return and the set of the se
n}function s(e,t){for(var
n=0, r=t. length; n<r; n++) if (u(t[n]) \& \& (e(t[n])||t[n].children. length>0 \& \& s(e,t[n].children))) return !0; return !1 \ function = 0, r=t. length; n<r; n++) if (u(t[n]) \& \& (e(t[n])||t[n].children. length>0 \& \& s(e,t[n].children))) return !0; return !1 \ function = 0, r=t. length; n<r; n++) if (u(t[n]) \& \& (e(t[n])||t[n].children. length>0 \& \& s(e,t[n].children))) return !0; return !1 \ function = 0, r=t. length; n<r; n++) if (u(t[n]) \& \& (e(t[n])||t[n].children. length>0 \& \& s(e,t[n].children))) return !0; return !1 \ function = 0, r=t. length; n<r; n++) if (u(t[n]) \& \& (e(t[n])||t[n].children. length>0 \& \& s(e,t[n].children))) return !0; return !1 \ function = 0, r=t. length; n<r; n++) if (u(t[n]) \& \& (e(t[n])||t[n].children. length>0 \& s(e,t[n].children))) return !0; return !1 \ function = 0, r=t. length; n<r; n++) if (u(t[n]) \& (e(t[n])||t[n].children. length>0 \& s(e,t[n].children))) return !0; return !1 \ function = 0, r=t. length; n<r; n++) if (u(t[n]) \& (e(t[n])||t[n].children. length>0 \& s(e,t[n]) e(t[n]) e
l(e,t){for(var
n=[],r=0,i=t.length;r<i;r++)u(t[r])\&\&(e(t[r])\&\&n.push(t[r]),t[r].children.length>0\&\&(n=n.concat(l(e,t[r].children))))
);return n}var
u=e("domelementtype").isTag;t.exports={filter:r,find:i,findOneChild:a,findOne:o,existsOne:s,findAll:l},{domelementtype"}).isTag;t.exports={filter:r,find:i,findOneChild:a,findOne:o,existsOne:s,findAll:l},{domelementtype"}).isTag;t.exports={filter:r,find:i,findOneChild:a,findOne:o,existsOne:s,findAll:l},{domelementtype"}).isTag;t.exports={filter:r,find:i,findOneChild:a,findOne:o,existsOne:s,findAll:l},{domelementtype"}).isTag;t.exports={filter:r,find:i,findOneChild:a,findOne:o,existsOne:s,findAll:l},{domelementtype"}).isTag;t.exports={filter:r,find:i,findOneChild:a,findOne:o,existsOne:s,findAll:l},{domelementtype"}).isTag;t.exports={filter:r,find:i,findOneChild:a,findOne:o,existsOne:s,findAll:l},{domelementtype"}).isTag;t.exports={filter:r,find:i,findOne:o,existsOne:s,findAll:l},{domelementtype"}).isTag;t.exports={filter:r,find:i,findOne:o,existsOne:s,findAll:l},{domelementtype"}).isTag;t.exports={filter:r,find:i,findOne:o,existsOne:s,findAll:l},{domelementtype"}).isTag;t.exports={filter:r,find:i,findOne:o,existsOne:s,findAll:l},{domelementtype"}).isTag;t.exports={filter:r,find:i,findOne:o,existsOne:s,findAll:l},{domelementtype"}).isTag;t.exports={filter:r,find:i,findOne:o,existsOne:s,findAll:l},{domelementtype"}).isTag;t.exports={filter:r,find:i,findOne:o,existsOne:s,findAll:l},{domelementtype"}).isTag;t.exports={filter:r,find:i,findOne:o,existsOne:s,findAll:l},{domelementtype"}).isTag;t.exports={filter:r,find:i,findOne:o,existsOne:s,findAll:l},{domelementtype"}).isTag;t.exports={filter:r,find:i,findOne:o,existsOne:s,findAll:l},{domelementtype"}).isTag;t.exports={filter:r,find:i,findOne:o,existsOne:s,findAll:l},{domelementtype"}).isTag;t.exports={filter:r,find:i,findOne:o,existsOne:s,findAll:l},{domelementtype"}).isTag;t.exports={filter:r,find:i,findOne:o,existsOne:s,findOne:o,existsOne:s,findOne:o,existsOne:s,findOne:o,existsOne:s,findOne:o,existsOne:s,findOne:o,existsOne:s,findOne:o,existsOne:s,findOne:o,existsOne:s,findOne:o,existsOne:s,findOne:o,existsOne:s,findOne:o,existsOne:s,findOne:o,existsOne:s,findO
```

 $enttype:9\}], 18: [function(e,t,n) \{function\ r(e,t) \{return\ e.children ? e.children.map(function(e) \{return\ e.children ? e.children$ 

o(e,t)}).join(""):""}function i(e){return

Array.isArray(e)?e.map(i).join(""):s(e)||e.type===a.CDATA?i(e.children):e.type===a.Text?e.data:""}var a=e("domelementtype"),o=e("dom-

serializer"),s=a.isTag;t.exports={getInnerHTML:r,getOuterHTML:o,getText:i}},{"dom-

 $serializer": 7, domelement type: 9 \}], 19: [function(e,t,n) \{ var r=n.get Children=function(e) \{ return neural type is the set of the set of$ 

 $e.children\}, i=n.getParent=function(e) \{return \ e.parent\}; n.getSiblings=function(e) \{var \ t=i(e); return \ e.parent]; n.getSiblings=function(e) \{var \$ 

t?r(t):[e]},n.getAttributeValue=function(e,t){return

e.attribs&&e.attribs[t]},n.hasAttrib=function(e,t){return!!e.attribs&&hasOwnProperty.call(e.attribs,t)},n.getName=f unction(e){return e.name}},{}],20:[function(e,t,n){var}

 $r=e("./lib/encode.js"), i=e("./lib/decode.js"); n.decode=function(e,t) \{return(!t||t<=0?i.XML:i.HTML)(e)\}, n.decodeStrict=function(e,t) \{return(!t||t<=0?i.XML:i.HTMLStrict)(e)\}, n.encode=function(e,t) \{return(!t||t<=0?r.XML:r.HTML)(e)\}, n.encodeHTML5=n.encodeHTML=r.HTML, n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXML=n.decodeStrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeXtrict=0?r.XML:n.decodeX$ 

XMLStrict=i.XML,n.decodeHTML4=n.decodeHTML5=n.decodeHTML=i.HTML,n.decodeHTML4Strict=n.decodeHTML5strict=i.HTMLStrict,n.escape=r.escape},{"./lib/decode.js":21,"./lib/encode.js":23}],2

 $1:[function(e,t,n){function r(e){var t=Object.keys(e).join("|"),n=a(e);t+="|#[xX][\\da-fA-F]+|#\\d+";var r=new}]$ 

 $\label{eq:regenergy} RegExp("\&(?:"+t+");","g"); return function(e) {return String(e).replace(r,n)} {function i(e,t) {return e<t?1:-1} function a(e) {return function(e) {return string(e).replace(r,n)} {function i(e,t) {return e<t?1:-1} function a(e) {return string(e).replace(r,n)} {function i(e,t) {return string(e).replace(r,n)} {function string(e).replace(r,n)} {function i(e,$ 

 $function(t) \{return" \#"===t.charAt(1)?u("X"===t.charAt(2) \|"x"===t.charAt(2)?parseInt(t.substr(3),16):parseInt(t.substr(2),10)):e[t.slice(1,-1)] \} var$ 

 $o=e("../maps/entities.json"), s=e("../maps/legacy.json"), l=e("../maps/xml.json"), u=e("./decode_codepoint.js"), c=r(l), p =r(o), h=function(){function e(e){return";"!==e.substr(-1)&&(e+=";"), c(e)}for(var)}$ 

 $t=Object.keys(s).sort(i),n=Object.keys(o).sort(i),r=0,l=0;r<n.length;r++)t[l]===n[r]?(n[r]+=";?",l++):n[r]+=";";var u=new RegExp("&(?:"+n.join("|")+"|#[xX][\\da-fA-F]+;?|#\\d+;?)","g"),c=a(o);return function(t){return function(t)} and the set of the s$ 

String(t).replace(u,e)}}();t.exports={XML:c,HTML:h,HTMLStrict:p}},{"../maps/entities.json":25,"../maps/legacy.js on":26,"../maps/xml.json":27,"./decode\_codepoint.js":22}],22:[function(e,t,n){function

r(e){if(e>=55296&&e<=57343||e>1114111)return"";e in i&&(e=i[e]);var t="";return e>65535&&(e-

 $=65536,t+=String.fromCharCode(e>>>10\&1023|55296),e=56320|1023\&e),t+=String.fromCharCode(e)\}varie=("../maps/decode.json");t.exports=r},{"../maps/decode.json":24}],23:[function(e,t,n){function r(e){return Object.keys(e).sort().reduce(function(t,n){return t[e[n]]="&"+n+";",t},{})}function i(e){var t=[],n=[];return Object.keys(e).forEach(function(e){1===e.length?t.push("\\"+e):n.push(e)}),n.unshift("["+t.join("")+"]"),new RegExp(n.join("|"),"g")}function a(e){return"&#x"+e.charCodeAt(0).toString(16).toUpperCase()+";"}function o(e){var t=e.charCodeAt(0),n=e.charCodeAt(1),r=1024*(t-55296)+n-}$ 

 $\label{eq:solution} 56320+65536; return & \#x"+r.toString(16).toUpperCase()+";" \function s(e,t) \function n(t) \return e[t] \return function(e) \return e.replace(t,n).replace(d,o).replace(f,a) \function l(e) \return \ret$ 

e.replace(m,a).replace(d,o).replace(f,a)}var u=r(e("../maps/xml.json")),c=i(u);n.XML=s(u,c);var

 $p=r(e("../maps/entities.json")), h=i(p); n.HTML=s(p,h); var f=/[^\0-x7F]/g, d=/[\uD800-\uDBFF][\uDC00-uDBFF]] (uDC00-uDBFF][$ 

\uDFFF]/g,m=i(u);n.escape=l},{"../maps/entities.json":25,"../maps/xml.json":27}],24:[function(e,t,n){t.exports={0:6
5533,128:8364,130:8218,131:402,132:8222,133:8230,134:8224,135:8225,136:710,137:8240,138:352,139:8249,140
:338,142:381,145:8216,146:8217,147:8220,148:8221,149:8226,150:8211,151:8212,152:732,153:8482,154:353,155:
8250,156:339,158:382,159:376}},{}],25:[function(e,t,n){t.exports={Aacute:"",aacute:"",Abreve:"",abreve:"",ac:"",a
cd:"",acE:"',Acirc:"",acirc:"",acute:"",Acy:"",AcIig:"",aeIig:"",af:"",Afr:"",afr:"",Agrave:"",agrave:"",alefsy
m:"',aleph:"',Alpha:"",alpha:"',Amacr:"',amacr:"',amalg:"',amgsdab:"',angmsdac:"',angmsdad:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',angmsdae:"',an

d:"",Barwed:"",barwedge:"",bbrk:"",bbrktbrk:"",bcong:"",Bcy:"",bcy:"",bdquo:"",becaus:"",because:"",Because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:"",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because:",because: emptyv:"",bepsi:"",bernou:"",Bernoullis:"",Beta:"",beta:"",beth:"",between:"",Bfr:"",bfr:"",bigcap:"",bigcirc:"",bigc up:"",bigodot:"",bigoplus:"",bigotimes:"",bigsqcup:"",bigstar:"",bigtriangledown:"",bigtriangleup:"",biguplus:"",big vee:"",blacktriangle:"",blacktriangle:"",blacktriangle:"",blacktriangle:"",blacktriangledown:"",blacktrianglelef t:"",blacktriangleright:"",blank:"",blk12:"",blk14:"",blk34:"",block:"",bne:"=",bnequiv:"",bNot:"",bnot:"",Bopf:"",b opf:"",bottom:"",bowtie:"",boxbox:"",boxdl:"",boxdL:"",boxDL:"",boxDL:"",boxdr:"",boxdR:"",boxDr:"",box DR:"",boxh:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhD:"",boxhu:"",boxhu:"",boxhu:"",boxhu:"",boxhu:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:"",boxhd:" "",boxplus:"",boxtimes:"",boxul:"",boxuL:"",boxUL:"",boxUL:"",boxur:"",boxuR:"",boxUR:"",boxUR:"",box xV:"",boxvh:"",boxvH:"",boxVh:"",boxVH:"",boxvL:"",boxVL:"",boxVL:"",boxVL:"",boxVR:"",boxVR:"",boxVF:"",boxVF:",boxVF:",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"",boxVF:"" oxVR:"",bprime:"",breve:"",Breve:"",bscr:"",bscr:"",bsemi:"",bsim:"",bsime:"",bsolb:"",bsolb:",bsolhsub :"",bull:"",bullet:"",bumpe:"",bumpe:"",Bumpeq:"",Cacute:"",cacute:"",capand:"",capbrcup:"",c apcap:"",cap:"",Cap:"",Capcup:"",capdot:"",CapitalDifferentialD:"",caps:"",caret:"",caron:"",Cayleys:"",Ccaps:"",Cc aron:"",ccaron:"",Ccedil:"",ccedil:"",Ccirc:"",Cconint:"",ccups:"",ccupssm:"",Cdot:"",cdot:"",cedil:"",Cedil a:"",cemptyv:"",cent:"",centerdot:"",CenterDot:"",Cfr:"",Cfr:"",CHcy:"",chcy:"",check:"",checkmark:"",Chi:"",chi:"" ,circ:"",circlearrowleft:"",circlearrowright:"",circledast:"",circledcirc:"",circleddash:"",CircleDot:"",circled R:"",circledS:"",CircleMinus:"",CirclePlus:"",CircleTimes:"",cir:"",cirE:"",cire:"",cireir:",cirfinit:"",cirscir:"",Clo ckwiseContourIntegral:"",CloseCurlyDoubleQuote:"",CloseCurlyQuote:"",clubs:"",clubs:it:"",colon:":",Colon:"",C olone:"",colone:"",coloneq:"",comma:",",commat:"@",comp:"",compfn:"",complement:"",complexes:"",cong:"",cong gdot:"",Congruent:"",Conint:"",ContourIntegral:"",Copf:"",Copf:"",Coprod:"",Coproduct:"",Copy:"",COPY: "",copysr:"",CounterClockwiseContourIntegral:"",crarr:"",cross:"",Cross:"",Cscr:"",cscr:"",csub:"",csub:"",csup:"", csupe:"",ctdot:"",cudarrl:"",cuepr:"",cuepr:"",cuerr:"",cularrp:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cupcap:"",cup ,Cup:"",cupcup:"",cupdot:"",cupor:"",cups:"",curarr:"",curarrm:"",curlyeqprec:"",curlyeqsucc:"",curlyee:"",curlyee dge:"",curren:"",curvearrowleft:"",curvearrowright:"",cuvee:"",cuwed:"",cwconint:"",cwint:"",cylcty:"",dagger:"",D agger:"",daleth:"",darr:"",darr:"",dash:"",Dashv:"",dashv:"",dbkarow:"",dblac:"",Dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaron:"",dcaro ",dcy:"",ddagger:"",ddarr:"",DD:"",dd:"",DDotrahd:"",ddotseq:"",deg:"",Del:"",Delta:"",delta:"",demptyv:"",dfisht:" ",Dfr:"",dfr:"",dhar:"",dhar:"",dharr:"",DiacriticalAcute:"",DiacriticalDot:"",DiacriticalDoubleAcute:"",Diacritical Grave:">",DiacriticalTilde:"",diam:"",diamond:"",Diamond:"",diamondsuit:"",diams:"",die:"",DifferentialD:"",diga mma:"",disin:"",div:"",divide:"",divideontimes:"",divonx:"",DJcy:"",djcy:"",dlcorn:"",dlcrop:"",dollar:"\$",Dopf:"",d opf:"",Dot:"",DotDot:"",doteq:"",doteqdot:"",DotEqual:"",dotminus:"",dotplus:"",dotsquare:"",doublebarwed ge:"",DoubleContourIntegral:"",DoubleDot:"",DoubleDownArrow:"",DoubleLeftArrow:"",DoubleLeftRightArrow:" ",DoubleLeftTee:"",DoubleLongLeftArrow:"",DoubleLongLeftRightArrow:"",DoubleLongRightArrow:"",DoubleR ightArrow:"",DoubleRightTee:"",DoubleUpArrow:"",DoubleUpDownArrow:"",DoubleVerticalBar:"",DownArrow Bar:"",downarrow:"",DownArrow:"",Downarrow:"",DownArrowUpArrow:"",DownBreve:"",downdownarrows:"",d ownharpoonleft:"",downharpoonright:"",DownLeftRightVector:"",DownLeftTeeVector:"",DownLeftVectorBar:"", DownLeftVector:"",DownRightTeeVector:"",DownRightVectorBar:"",DownRightVector:"",DownTeeArrow:"",Do wnTee:"",drkarow:"",drcorn:"",drcrop:"",Dscr:"",dscr:"",DScy:"",dsol:"",Dstrok:"",dstrok:"",dtdot:"",dtri:" ",dtrif:"",duarr:"",duhar:"",dwangle:"",DZcy:"",dzcy:"",dzigrarr:"",Eacute:"",eacute:"",easter:"",Ecaron:"",ecaron:"", Ecirc:"",ecirc:"",ecoin:"",Ecy:"",ecy:"",eDot:"",Edot:"",edot:"",eDot:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"",efr:"", grave:"",egrave:"",egs:"",egsdot:"",el:"",Element:"",elinters:"",els:"",elsdot:"",Emacr:"",emacr:"",empty:"",em ptyset:"",EmptySmallSquare:"",emptyv:"",EmptyVerySmallSquare:"",emsp13:"",emsp14:"",emsp:"",ENG:"",eng:"" ,ensp:"",Eogon:"",eogon:"",Eopf:"",eopf:"",epar:!"",eparsl:"",eplus:"",epsi:"",Epsilon:"",epsilon:"",epsiv:"",eqcirc:"", eqcolon:"",eqsim:"",eqslantgtr:"",eqslantless:"",Equal:"",equals:"=",EqualTilde:"",equest:"",Equilibrium:"",equiv:"", equivDD:"",eqvparsl:"",erarr:"",erDot:"",escr:"",Escr:"",esim:"",esim:"",Eta:"",eta:"",ETH:"",eth:"",Euml:" ",euml:"",euro:"",excl:"!",exist:"",Exists:"",expectation:"",exponentiale:"",ExponentialE:"",fallingdotseq:"",Fcy:"",f cy:"",female:"",ffilig:"",fflig:"",fflig:"",ffr:"",filig:"",FilledSmallSquare:"",FilledVerySmallSquare:"",filig:"fj ",flat:"",fllig:"",flutns:"",fnof:"",Fopf:"",fopf:"",forall:"",ForAll:"",fork:"",forkv:"",Fouriertrf:"",fpartint:"",frac12:"",f rac13:"",frac14:"",frac15:"",frac16:"",frac18:"",frac23:"",frac25:"",frac34:"",frac35:"",frac38:"",frac45:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:"",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56:",frac56 rac58:"",frac78:"",fras1:"",frown:"",fscr:"",Fscr:"",gacute:"",Gamma:"",gamma:"",Gammad:"",gammad:"",gap:"",Gb reve:"",gbreve:"",Gcedil:"",Gcirc:"",gcirc:"",Gcy:"",Gdot:"",gdot:"",get:"",gE:"",gEl:"",gel:"",geq:"",geq:"", geqslant:"",gescc:"",ges:"",gesdoto:"",gesdoto:"",gesles:"",Gfr:"",gfr:"",gg:"",Gg:"",ggg:"",gimel:" ",GJcy:"",gjcy:"",gla:"",gl:"",glE:"",glj:"",gnap:"",gnapprox:"",gne:"",gnE:"",gneq:"",gneqq:"",gnsim:"",Gopf:"",go pf:"",grave:"`",GreaterEqual:"",GreaterEqualLess:"",GreaterFullEqual:"",GreaterGreater:"",GreaterLess:"",GreaterS lantEqual:"",GreaterTilde:"",Gscr:"",gscr:"",gsim:"",gsime:"",gscr:"",gtcr:",gtcr:",gtcr:",gtcr:",gtcr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr:",gtdr: gtlPar:"",gtrquest:"",gtrapprox:"",gtrarr:"",gtrdot:"",gtreqless:"",gtreqqless:"",gtrless:"",gtrsim:"",gvertneqq:"",gvnE:" ",Hacek:"",hairsp:"",half:"",hamilt:"",HARDcy:"",hardcy:"",harrcir:"",harr:"",hArr:"",harrw:"",Hat:"^",hbar:"",Hcirc :"",hcirc:"",hearts:"",heartsuit:"",hellip:"",hercon:"",hfr:"",Hfr:"",HilbertSpace:"",hksearow:"",hkswarow:"",hoarr:"", homtht:"",hookleftarrow:"",hookrightarrow:"",hopf:"",Hopf:"",Horbar:"",HorizontalLine:"",hscr:"",Hscr:"",hslash:"" "Hstrok:"",hstrok:"",HumpDownHump:"",HumpEqual:"",hybull:"",hyphen:"",Iacute:"",iacute:"",ic:"",Icirc:"",icirc:" ",Icy:"",icy:"",Idot:"",IEcy:"",iecy:"",iexcl:"",iff:"",ifr:"",Ifr:"",Igrave:"",igrave:"",ii:"",iiint:"",iiint:"",iinfin:"",iiota: "",IJlig:"",ijlig:"",Imacr:"",imacr:"",image:"",ImaginaryI:"",imagline:"",imagpart:"",imath:"",Im:"",imof:"",imped:"" ,Implies:"",incare:"","inf:"",infin:"",infintie:"",inodot:"",intcal:"","int:"",Int:"",Integers:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:"",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integral:",Integra rsection:"",intlarhk:"",intprod:"",InvisibleComma:"",InvisibleTimes:"",IOcy:"",iocy:"",Iogon:"",Iopf:"",iop f:"",Iota:"",iota:"",iprod:"",iquest:"",iscr:"",Iscr:"",isin:"",isindot:"",isinE:"",isins:"",isinsv:"",isinv:"",it:"",Itilde:"",it ilde:"",Iukcy:"",Iukcy:"",Iuml:"",Iorc:"",Jcr:"",Jcy:"",Jcy:"",Jfr:"",Jfr:"",Jmath:"",Jopf:"",Jopf:"",Jscr:"",Jscr :"",Jsercy:"",jsercy:"",Jukcy:"",jukcy:"",Kappa:"",kappa:"",kappav:"",Kcedil:"",Kcedil:"",Kcy:"",Kfr:"",Kfr:"" kgreen:"",KHcy:"",Khcy:"",KJcy:"",Kjcy:"",Kopf:"",Kscr:"",kscr:"",lAarr:"",Lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:",lacute:",lacute:"",lacute:"",lacute:",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:"",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:"",lacute:",lacute:",lacute:"",lacute:",lacute:"",lacute:"",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:"",lacute:"",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",lacute:",,lacute:",lacute:",lacute:",lacute:",lacute:",l ,lagran:"",Lambda:"",lambda:"",lang:"",Lang:"",langd:"",langle:"",laplacetrf:"",laquo:"",larrb:"",larrbfs:"",lar r:"", Larr:"", larrfs:"", larrhk:"", larrp:"", larrpl:"", larrsim:"", larrtl:"", latail:"", latai:"", late:"", late:", late:"", late:", late:"", late:", late:",, late:",, late:",, late:", late:", late:", late:",, late:", late:" :"",lBarr:"",lbrk:"",lbrace:"{",lbrack:"[",lbrke:"",lbrkslu:"",Lcaron:"",Lcaron:"",Lcedil:"",lcedil:"",lceil:"" ,lcub:"{",Lcy:"",lcy:"",ldca:"",ldquo:"",ldquor:"",ldrdhar:"",ldrushar:"",ldsh:"",le:"",LeftAngleBracket:"",Left ArrowBar:"",leftarrow:"",LeftArrow:"",LeftArrowRightArrow:"",leftarrowtail:"",LeftCeiling:"",LeftD oubleBracket:"",LeftDownTeeVector:"",LeftDownVectorBar:"",LeftDownVector:"",LeftFloor:"",leftharpoondown: "",leftharpoonup:"",leftleftarrows:"",leftrightarrow:"",LeftRightArrow:"",Leftrightarrow:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:"",leftrightarrows:",leftrightarrows:",leftrightarrows:",leftrightarrows:",leftrightarrows:",leftrightarrows:",leftrightarrows:",leftrightarrows:",leftrightarrows:",leftrightarrows:",leftrightarrows:",leftrightarrows:",leftrightarrows:",leftrightarrows:",leftrightarrows:",leftrightarrows:",leftrightarrows:",leftrightarrows:",leftrightarrows:",leftrightarrows:",leftrightarrows:",leftrightarrows:",leftrightarrows:",leftrightar htharpoons:"",leftrightsquigarrow:"",LeftRightVector:"",LeftTeeArrow:"",LeftTee:"",LeftTeeVector:"",leftthreetime s:"",LeftTriangleBar:"",LeftTriangleEqual:"",LeftUpDownVector:"",LeftUpTeeVector:"",LeftUpVe ctorBar:"",LeftUpVector:"",LeftVectorBar:"",LeftVector:"",lEg:"",leg:"",leq:"",leqq:"",leqslant:"",lescc:"",les dot:"",lesdoto:"",lesdoto:"",lesg:"",lesges:"",lessapprox:"",lessdot:"",lesseqgtr:"",lesseqqgtr:"",LessEqualGreater:"", LessFullEqual:"",LessGreater:"",lessgtr:"",LessLess:"",lessSlantEqual:"",LessTilde:"",lfisht:"",lfloor:"", Lfr:"",lfr:"",lg:"",lgE:"",lHar:"",lharu:"",lharu:"",lharu:"",lhblk:"",LJcy:"",ljcy:"",ljcy:"",ll:"",Ll:"",Ll:" arrow:"", llhard:"",

lltri:"",Lmidot:"",lmidot:"",lmoustache:"",lmoust:"",lnap::"",lnapprox:"",lne:"",lnE:"",lneq:"",lneqq:"",lnsim:"",loang :"",loarr:"",lopk:"",longleftarrow:"",LongLeftArrow:"",Longleftarrow:"",longleftrightarrow:"",LongLeftRightArro w:"",Longleftrightarrow:"",longrightarrow:"",LongRightArrow:"",Longrightarrow:"",looparrowleft:" ",looparrowright:"",lopar:"",Lopf:"",lopf:"",loplus:"",lotimes:"",lowast:"",lowbar:"\_",LowerLeftArrow:"",LowerRig htArrow:"",loz:"",lozenge:"",lozf:"",lpar:"(",lparlt:"",lrarr:"",lrcorner:"",lrhar:"",lrhard:"",lrm:"",lrtri:"",lsquo:"",lsc r:"",Lscr:"",lsh:"",Lsh:"",lsim:"",lsime:"",lsimg:"",lsqb:"[",lsquo:"",lsquor:"",Lstrok:"",lstrok:"",ltcr:"",ltc:"",ltc:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr:",ltcr LT:"<",Lt:"",ltdot:"",lthree:"",ltimes:"",ltlarr:"",ltquest:"",ltri:"",ltrie:"",ltrif:"",ltrif:"",lurdshar:"",luruhar:"",lvertne qq:"",lvnE:"",macr:"",male:"",malt:"",maltese:"",Map:'",mapsto:"",mapstodown:"",mapstoleft:"",mapstoup: "",marker:"",mcomma:"",Mcy:"",mcy:"",mdash:"",mDDot:"",measuredangle:"",MediumSpace:"",Mellintrf:"",Mfr:" ",mfr:"",mho:"",micro:"",midast:"\*",midcir:"",mid:"",middot:"",minusb:"",minusd:"",minusdu:"",MinusPl us:"",mlcp:"",mldr:"",mnplus:"",models:"",Mopf:"",mopf:"",mscr:"",Mscr:"",Mscr:"",Mu:"",mu:"",mutima p:"",mumap:"",nabla:"",Nacute:"",nacute:"",nang:"",napE:"",napE:"",napid:"",napos:"",napprox:"",natural:"",naturals: "",natur:"",nbsp:"",nbump:"",nbumpe:"",ncap:"",Ncaron:"",ncaron:"",Ncedil:"",ncedil:"",ncong:"",ncongdot:"",ncup :"",Ncy:"",ncy:"",ndash:"",nearhk:"",nearr:"",neArr:"",nearrow:"",ne:"",nedot:"",NegativeMediumSpace:"",Negative ThickSpace:"",NegativeThinSpace:"",NegativeVeryThinSpace:"",nequiv:"",nesim:"",NestedGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreaterGreate r:"",NestedLessLess:"",NewLine:"\n",nexist:"",nexists:"",Nfr:"",nfr:"",ngE:"",ngeq:"",ngeqq:"",ngeqq:"",ngeqslant:"",

nges:"",nGg:"",ngsim:"",nGt:"",ngt:"",ngtr:"",nGtv:"",nharr:"",nhArr:"",nhpar:"",ni:"",nis:"",nis:"",niv:"",NJcy:"",n jcy:"",nlarr:"",nlArr:"",nldr:"",nlE:"",nleftarrow:"",nLeftarrow:"",nleftrightarrow:"",nLeftrightarrow:"",nleg:" ",nleqq:"",nleqslant:"",nles:"",nless:"",nLl:"",nlsim:"",nLt:"",nlt:"",nltri:"",nLtv:"",nmid:"",NoBreak:"",Non BreakingSpace:"",nopf:"",Notf:"",Notf:"",NotCongruent:"",NotCupCap:"",NotDoubleVerticalBar:"",NotElem ent:"",NotEqual:"",NotEqualTilde:"",NotExists:"",NotGreater:"",NotGreaterEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:"",NotGreaterFullEqual:",NotGreaterFullEqual:"",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEqual:",NotGreaterFullEq eaterGreater:"",NotGreaterLess:"",NotGreaterSlantEqual:"",NotGreaterTilde:"",NotHumpDownHump:"",NotHump Equal:"",notin:"",notindot:"",notinE:"",notinve:"",notinve:"",NotLeftTriangleBar:"",NotLeftTriangle:"", NotLeftTriangleEqual:"",NotLess:"",NotLessEqual:"",NotLessGreater:"",NotLessLess:"",NotLessSlantEqual:"",Not LessTilde:"",NotNestedGreaterGreater:"",NotNestedLessLess:"",notni:"",notniva:"",notnivb:"",notnivc:"",NotPrece des:"",NotPrecedesEqual:"",NotPrecedesSlantEqual:"",NotReverseElement:"",NotRightTriangleBar:"",NotRightTri angle:"",NotRightTriangleEqual:"",NotSquareSubset:"",NotSquareSubsetEqual:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:"",NotSquareSuperset:","",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:"",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",NotSquareSuperset:",N SupersetEqual:"",NotSubset:"",NotSubsetEqual:"",NotSucceeds:"",NotSucceedsEqual:"",NotSucceedsSlantEqual:"" ,NotSucceedsTilde:"",NotSuperset:"",NotSupersetEqual:"",NotTilde:"",NotTildeEqual:"",NotTildeFullEqual:"",Not TildeTilde:"",NotVerticalBar:"",nparallel:"",nparsl:"",npart:"",npolint:"",npr:"",nprcue:"",npreceq:" ",npre:"",nrarrc:"",nrarr:"",nrArr:"",nrarrw:"",nrightarrow:"",nRightarrow:"",nrtri:"",nrtrie:"",nsc:"",nsccue:"",nsce:" ",Nscr:"",nscr:"",nshortmid:"",nshortparallel:"",nsim:"",nsime:"",nsimeq:"",nsmid:"",nspar:"",nsqsube:"",nsqsupe:"" ,nsub:"",nsubE:"",nsube:"",nsubset:"",nsubseteq:"",nsubseteqq:"",nsucc:"",nsucceq:"",nsup:"",nsupE:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:"",nsupe:" pset:"",nsupseteq:"",nsupseteqq:"",ntgl:"",Ntilde:"",ntilde:"",ntlg:"",ntriangleleft:"",ntrianglelefteq:"",ntriangleright: "",ntrianglerighteq:"",Nu:"",nu:"",num:"#",numero:"",numsp:"",nvap:"",nvdash:"",nvDash:"",nVdash:"",nVDash:"", nvge:"",nvgt:">",nvHarr:"",nvinfin:"",nvlArr:"",nvle:"",nvlt:"<",nvltrie:"",nvrArr:"",nvrtrie:"",nvsim:"",nwarhk:"",n warr:"",nwArr:"",nwarrow:"",nwnear:"",Oacute:"",oast:"",Ocirc:"",ocirc:"",ocir:"",Ocy:"",odash:"". Odblac:"",odblac:"",odiv:"",odot:"",odsold:"",OElig:"",oelig:"",ofcir:"",Ofr:"",ofr:"",ogon:"",Ograve:"",ograve:"",ograve:"",ograve:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"",ofr:"", t:"",ohbar:"",ohm:"",oint:"",olarr:"",olcir:"",olcross:"",oline:"",olt:"",Omacr:"",Omacr:"",Omega:"",Omicro n:"",omicron:"",omid:"",ominus:"",Oopf:"",oper:"",OpenCurlyDoubleQuote:"",OpenCurlyQuote:"",operp:"" ,oplus:"",orarr:"",Or:"",orc:"",ord:"",order:"",orderof:"",ordf:"",ordm:"",origof:"",oror:"",orslope:"",orv:"",oS:"",Oscr :"",oscr:"",Oslash:"",oslash:"",osol:"",Otilde:"",otilde:"",otimesa:"",Otimes:"",otimes:"",Ouml:"",ovbar:"", OverBar:"",OverBrace:"",OverBracket:"",OverParenthesis:"",para:"",parallel:"",par:"",parsim:"",parsl:"",Part ialD:"",Pcy:"",per:"",percnt:"%",period:".",permil:"",perp:"",pertenk:"",Pfr:"",pfr:"",Phi:"",phi:"",phiv:"",phmmat:" ",phone:"",Pi:"",pi:"",pitchfork:"",piv:"",planck:"",planckh:"",plankv:"",plusacir:"",plusb:"",pluscir:"",plus:"+",plusd o:"",plusdu:"",pluse:"",PlusMinus:"",plusmn:"",plussim:"",plustwo:"",pm:"",Poincareplane:"",pointint:"",popf:"",Po pf:"",pound:"",prap:"",Pr:"",pr:"",prcue:"",precapprox:"",prec:"",preccurlyeq:"",Precedes:"",PrecedesEqual:"",Prece desSlantEqual:"",PrecedesTilde:"",preceq:"",precnapprox:"",precneqq:"",precnsim:"",pre:"",pre:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:"",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsim:",precsi :"",Prime:"",primes:"",prnap:"",prnE:"",prosim:"",prod:"",Product:"",profalar:"",profline:"",profsurf:"",prop:"",Prop ortional:"",Proportion:"",propto:"",prsim:"",prurel:"",Pscr:"",Psi:"",psi:"",puncsp:"",Qfr:"",qfr:"",qint:"",qopf :"",Qopf:"",qprime:"",Qscr:"",qscr:"",quaternions:"",quatint:"",quest:"?",questeq:"",quot:"",QUOT:"",rAarr:"",race:" ",Racute:"",racute:"",radic:"",raemptyv:"",rang:"",Rang:"",rangd:"",range:"",rangle:"",raquo:"",rarrap:"",rarrb bfs:"",rarrc:"",rarr:"",Rarr:"",rarrfs:"",rarrhk:"",rarrlp:"",rarrpl:"",rarrsim:"",Rarrtl:"",rarrtl:"",rarrw:"",ratail:" ",rAtail:"",ratio:"",rationals:"",rbarr:"",rBarr:"",rBarr:"",rbbrk:"",rbrace:"}",rbrack:"]",rbrke:"",rbrksld:"",rbrkslu:"", Rcaron:"",rcaron:"",Rcedil:"",rcedil:"",rceil:"",rcub:"}",Rcy:"",rcy:"",rdca:"",rdldhar:"",rdquo:"",rdquor:"",rdsh:"",r eal:"",realine:"",realpart:"",reals:"",Re:"",rect:"",REG:"",ReverseElement:"",ReverseEquilibrium:"",ReverseU pEquilibrium:"",rfisht:"",rfloor:"",rfr:"",Rfr:"",rHar:"",rharu:"",rharu:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho:"",rho racket:"",RightArrowBar:"",rightarrow:"",RightArrow:"",RightArrowLeftArrowLeftArrow:"",rightarrowtail:"", RightCeiling:"",RightDoubleBracket:"",RightDownTeeVector:"",RightDownVectorBar:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:"",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDownVector:",RightDown htFloor:"",rightharpoondown:"",rightharpoonup:"",rightleftarrows:"",rightleftharpoons:"",rightrightarrows:"",rightsq uigarrow:"",RightTeeArrow:"",RightTee:"",RightTeeVector:"",rightthreetimes:"",RightTriangleBar:"",RightTriangl e:"",RightTriangleEqual:"",RightUpDownVector:"",RightUpTeeVector:"",RightUpVectorBar:"",RightUpVector:"", RightVectorBar:"",RightVector:"",ring:"",risingdotseq:"",rlarr:"",rlhar:"",rlm:"",rmoustache:"",rmoust:"",rnmid:"",r oang:"",roarr:"",robrk:"",ropf:"",ropf:"",roplus:"",rotimes:"",RoundImplies:"",rpargt:"",rpargt:"",rppolint:"",

rrarr:"",Rrightarrow:"",rsaquo:"",rscr:"",Rscr:"",Rsh:"",rsqb:"]",rsquo:"",rsquor:"",rthree:"",rtires:"",rtri:"",rtr ie:"",rtrif:"",rtriltri:"",RuleDelayed:"",ruluhar:"",rx:"",Sacute:"",sacute:"",scap:"",Scaron:"",Scaron:"",Sc:"", sc:"",sccue:"",sce:"",scei:"",scedil:"",Sceii:"",scirc:"",scnap:"",scnE:"",scnsim:"",scpolint:"",scsim:"",Scy:" ",scy:"",sdotb:"",sdot:"",sdote:"",searhk:"",searr:"",seArr:"",searrow:"",sect:"",semi:";",seswar:"",setminus:"",setmn: "",sext:"",Sfr:"",sfr:"",sfrown:"",sharp:"",SHCHcy:"",shchcy:"",Shcy:"",ShortDownArrow:"",ShortLeftArro w:"",shortmid:"",shortparallel:"",ShortRightArrow:"",ShortUpArrow:"",shy:"",Sigma:"",sigma:"",sigmaf:"",sigmav: "",sim:"",simdot:"",sime:"",sime:"",simg:"",simgE:"",siml:"",simlE:"",simne:"",simplus:"",simrarr:"",slarr:"",Small Circle:"",smallsetminus:"",smashp:"",smeparsl:"",smid:"",smile:"",smt:"",smte:"",SOFTcy:"",softcy:"",solb ar:"",solb:"",sol:"/",Sopf:"",sopdes:"",spades:"",spadesuit:"",spar:"",sqcaps:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:"",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups:",sqcups b:"",sqsubset:"",sqsubseteq:"",sqsupseteq:"",sqsupseteq:"",sqsupseteq:"",sqsupseteq:"",square:"",SquareInt ersection:"",SquareSubset:"",SquareSubsetEqual:"",SquareSuperset:"",SquareSupersetEqual:"",SquareUnion:"",squareSupersetEqual:"",SquareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqual:"",squareSubsetEqua rf:"",squ:"",squf:"",starr:"",Sscr:"",sscr:"",ssetmn:"",ssmile:"",sstarf:"",starr:"",starf:"",starf:"",starf:"",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf:",starf ghtphi:"",subne:"",sub:"",subc:"",subc:"",sube:"",subedot:"",submult:"",subne:"",subne:"",subplus:"",subrar r:"",subset:"",Subset:"",subseteq:"",subseteqq:"",subsetequal:"",subsetneq:"",subsetneq;"",subsetneq;"",subsetneq;"",subsetneq;"",subsetneq;"",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetneq;",subsetn sup:"",succapprox:"",succ:"",succcurlyeq:"",Succeeds:"",SucceedsEqual:"",SucceedsSlantEqual:"",SucceedsTilde:"" "succeq:"",succnapprox:"",succneqq:"",succnsim:"",SucchThat:"",sum:"",Sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:"",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:",sum:", sup3:"",sup:"",SupersetEqual:"",supdsub:"",supE:"",supedot:"",Superset:"",SupersetEqual:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol:"",suphsol: sub:"",suplarr:"",supmult:"",supnE:"",supne:"",supplus:"",supset:"",Supset:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:"",supseteq:" supsetneqq:"",supsim:"",supsub:"",supsup:"",swarr:"",swarr:"",swarrow:"",swnwar:"",szlig:"",Tab:"\t",ta rget:"",Tau:"",tau:"",tbrk:"",Tcaron:"",tcaron:"",Tcedil:"",Tcy:"",tcy:"",tdot:"",telrec:"",Tfr:"",tfr:"",there4: "",therefore:"",Therefore:"",Theta:"",theta:"",thetasym:"",thetav:"",thickapprox:"",thicksim:"",ThickSpace:"",ThinS pace:"",thinsp:"",thkap:"",thksim:"",THORN:"",thorn:"",tilde:"",TildeEqual:"",TildeFullEqual:"",TildeTild e:"",timesbar:"",timesb:"",timesc:"",timesd:"",tint:"",toea:"",topbot:"",topcir:"",top:"",Topf:"",topf:"",topfork:"",tosa: "",tprime:"",trade:"",TRADE:"",triangle:"",triangledown:"",triangleleft:"",trianglelefteq:"",triangleq:"",triangleright: "",trianglerighteq:"",tridot:"",trie:"",triminus:"",TripleDot:"",triplus:"",trisb:"",tritime:"",trpezium:"",Tscr:"",tscr:"", TScy:"",tscy:"",TSHcy:"",tshcy:"",Tstrok:"",twixt:"",twoheadleftarrow:"",twoheadrightarrow:"",Uacute:"". uacute:"",uarr:"",Uarr:"",Uarrcir:",Ubrcy:"",Ubrcy:"",Ubreve:"",Ucirc:"",Ucirc:"",Ucirc:"",Ucy:"",ucy:"", udarr:"",Udblac:"",udblac:"",udhar:"",ufisht:"",Ufr:"",ufr:"",Ugrave:"",ugrave:"",uHar:"",uharl:"",uharr:"",uhblk:"", ulcorn:"",ulcorner:"",ulcrop:"",ultri:"",Umacr:"",umacr:"",uml:"",UnderBar:" ",UnderBrace:"",UnderBracket:"",Un derParenthesis:"",Union:"",UnionPlus:"",Uogon:"",Uopf:"",Uopf:"",UpArrowBar:"",UpArrow:"",UpArrow: "",Uparrow:"",UpArrowDownArrow:"",Updownarrow:"",UpDownArrow:"",Updownarrow:"",UpEquilibrium:"",uph arpoonleft:"",upharpoonright:"",uplus:"",UpperLeftArrow:"",UpperRightArrow:"",upsi:"",Upsi:"",Upsilon: "",upsilon:"",UpTeeArrow:"",UpTee:"",upuparrows:"",urcorn:"",urcorner:"",urcrop:"",Uring:"",uring:"",urtri:"",Usc r:"",uscr:"",utdot:"",Utilde:"",utilde:"",utri:"",utrif:"",Uuml:"",uuml:"",uuml:"",uwangle:"",vangrt:"",varepsilon:"",v arkappa:"",varnothing:"",varphi:"",varpi:"",varpropto:"",varr:"",vArr:"",varrho:"",varsigma:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubsetneq:"",varsubse bsetneqq:"",varsupsetneq:"",varsupsetneqq:"",vartheta:"",vartriangleleft:"",vartriangleright:"",vBar:"",Vbar:"",vBarv :"",Vcy:"",vcy:"",vdash:"",vDash:"",Vdash:"",Vdash:"",Vdash1:"",veebar:"",veee'",veeeq:"",veeeq:"",veebar:",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:"",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",veebar:",vee "|",Verbar:"",vert:"|",Vert::"",VerticalBar:"",VerticalLine:"|",VerticalSeparator:"",VerticalTilde:"",VeryThinSpace:"" ,Vfr:"",vfr:"",vltri:"",vnsub:"",vnsup:"",Vopf:"",vopf:"",vprop:"",vrtri:"",Vscr:"",vscr:"",vsubnE:"",vsubne:"",vsupn E:"",vsupne:"",Vvdash:"",vzigzag:"",Wcirc:"",wcirc:"",wedbar:"",wedge:"",Wedge:"",wedgeq:"",weierp:"",Wfr:"", wfr:"",Wopf:"",wopf:"",wr:"",wreath:"",Wscr:"",xcap:"",xcirc:"",xcup:"",xdtri:"",Xfr:"",xfr:"",xharr:" ",xhArr:"",Xi:"",xi:"",xlarr:"",xlArr:"",xmap:"",xnis:"",xodot:"",Xopf:"",xopf:"",xoplus:"",xotime:"",xrarr:"",xrArr:" ",Xscr:"",xscr:"",xsqcup:"",xuplus:"",xutri:"",xvee:"",xwedge:"",Yacute:"",yacute:"",YAcy:"",yacy:"",Ycirc:"",ycirc :"",Ycy:"",ycy:"",yen:"",Yfr:"",Yfr:"",YIcy:"",Yopf:"",Yopf:"",Yscr:"",Yscr:"",YUcy:"",yucy:"",yunl:"",Yu ml:"",Zacute:"",Zcaron:"",Zcaron:"",Zcy:"",Zdot:"",zdot:"",zeetrf:"",ZeroWidthSpace:"",Zeta:"",zet a:"",zfr:"",Zfr:"",Zfr:"",Zhcy:"",zigrarr:"",zopf:"",Zopf:"",Zscr:"",zscr:"",zwj:"",zwnj:""}},{}],26:[function(e,t,n){ t.exports={Aacute:"",aacute:"",Acirc:"",acirc:"",AElig:"",Aelig:"",Agrave:"",agrave:"",amp:"&",AMP:"&", Aring:"",Atilde:"",Atilde:"",Auml:"",auml:"",brvbar:"",Ccedil:"",ccedil:"",cent:"",copy:"",COPY:"",

curren:"",deg:"",divide:"",Eacute:"",eacute:"",Ecirc:"",ecirc:"",Egrave:"",egrave:"",ETH:"",eth:"",Euml:"",euml:"",fr ac12:"",frac14:"",frac34:"",gt:">",GT:">",Iacute:"",iacute:"",Icirc:"",icirc:"",iexcl:"",Igrave:"",igrave:"",iquest:"",Iu ml:"",iuml:"",laquo:"",It:"<",LT:"<",macr:"",micro:"",middot:"",nbsp:"",not:"",Ntilde:"",Oacute:"",oacute:" ",Ocirc:"",Ograve:"",Ograve:"",ograve:"",ordf:"",ordm:"",Oslash:"",Oslash:"",Otilde:"",otilde:"",Ouml:"",ouml:"",ouml:"",para: "",plusmn:"",pound:"",quot:"',QUOT:'",raquo:"",reg:"",REG:"",sect:"",shy:"",sup1:"",sup2:"",sup3:"",szlig:"",THO RN:"",thorn:"",times:"",Uacute:"",uacute:"",Ucirc:"",Ugrave:"",ugrave:"",uml:"",Uuml:"",uuml:"",Yacute:" ",yacute:"",yen:"',yuml:""},{}],27:[function(e,t,n){t.exports={amp:"&",apos:"",gt:">",It:"<",quot:"'}},{}],28:[fun ction(e,t,n){function r(){this.\_events=this.\_events||{},this.\_maxListeners=this.\_maxListeners||void 0}function i(e){return"function s(e){return void 0===e}t.exports=r,r.EventEmitter=r,r.prototype.\_events=void 0,r.prototype.\_maxListeners=void

t,n,r,a,l,u;if(this.\_events||(this.\_events={}),"error"===e&&(!this.\_events.error||o(this.\_events.error)&&!this.\_events. error.length)){if(t=arguments[1],t instanceof Error)throw t;var c=new Error('Uncaught, unspecified "error" event.

 $('+t+")"); throw c.context=t, c \\ if (n=this\_events[e], s(n)) return !1; if (i(n)) switch (arguments.length) \\ \{ case (n) \\ (case (n) \\$ 

1:n.call(this);break;case 2:n.call(this,arguments[1]);break;case

3:n.call(this,arguments[1],arguments[2]);break;default:a=Array.prototype.slice.call(arguments,1),n.apply(this,a)}els e

if(o(n))for(a=Array.prototype.slice.call(arguments,1),u=n.slice(),r=u.length,l=0;l<r;l++)u[l].apply(this,a);return!0},r. prototype.addListener=function(e,t){var n;if(!i(t))throw TypeError("listener must be a function");return this.\_events||(this.\_events={}),this.\_events.newListener&&this.emit("newListener",e,i(t.listener)?t.listener:t),this.\_e vents[e]?o(this.\_events[e])?this.\_events[e].push(t):this.\_events[e]=[this.\_events[e],t]:this.\_events[e]=t,o(this.\_events [e])&&!this.\_events[e].warned&&(n=s(this.\_maxListeners)?r.defaultMaxListeners:this.\_maxListeners,n&&n>0&& this.\_events[e].length>n&&(this.\_events[e].warned=!0,console.error("(node) warning: possible EventEmitter memory leak detected. %d listeners added. Use emitter.setMaxListeners() to increase

limit.",this.\_events[e].length),"function"==typeof

 $console.trace \& & console.trace())), this \}, r. prototype.on=r. prototype.addListener, r. prototype.once=function(e,t) { function (e,t) } { func$ 

 $this; if (n=this.\_events[e], a=n.length, r=-1, n===t || i (n.listener) \& \& n.listener===t) delete = (n-1) || i (n-1) ||$ 

 $this.\_events[e], this.\_events.removeListener\&\&this.emit("removeListener", e,t); else if (o(n)) \{for(s=a;s-b,t), else if(s), else if(s),$ 

 $>0;) if (n[s]===t||n[s].listener \& n[s].listener===t) \{r=s; break \} if (r<0) return this; 1===n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1===n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1===n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1===n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1===n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1==n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1==n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1==n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1=n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1=n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1=n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1=n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1=n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1=n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1=n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1=n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1=n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1=n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1=n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1=n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1=n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1=n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1=n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1=n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; 1=n.length? (n.length=0, delete=0) \{r=s; break \} if (r<0) return this; n[n] if (r<0) return this; n[n]$ 

this.\_events[e]):n.splice(r,1),this.\_events.removeListener&&this.emit("removeListener",e,t)}return

 $this \}, r. prototype.removeAllListeners=function(e) \{var\ t, n; if (!this._events) return \} \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = function(e) \{var\ t, n; if (!this._events) return \} (this._events) = f$ 

```
this;if(!this._events.removeListener)return 0===arguments.length?this._events={}:this._events[e]&&delete this._events[e],this;if(0===arguments.length){for(t in
```

 $this.\_events)"removeListener"!==t\&\&this.removeAllListeners(t); return$ 

this.removeAllListeners("removeListener"),this.\_events= $\{$ ,this $if(n=this._events[e],i(n))$ this.removeListener(e,n);e lse if(n)for(;n.length;)this.removeListener(e,n[n.length-1]);return delete

this.\_events[e],this},r.prototype.listeners=function(e){var t;return

t=this.\_events&&this.\_events[e]?i(this.\_events[e])?[this.\_events[e]]:this.\_events[e].slice():[]},r.prototype.listenerCo unt=function(e){if(this.\_events){var t=this.\_events[e];if(i(t))return 1;if(t)return t.length}return

0},r.listenerCount=function(e,t){return e.listenerCount(t)}},{}],29:[function(e,t,n){function

 $r(e){this._cbs=e||{}},this.events=[]}t.exports=r;var$ 

 $i=e("./").EVENTS; Object.keys(i).forEach(function(e){if(0===i[e])e="on"+e,r.prototype[e]=function(){this.events.push([e]),this._cbs[e]&&this._cbs[e]()}; else$ 

if(1===i[e])e="on"+e,r.prototype[e]=function(t){this.events.push([e,t]),this.\_cbs[e]&&this.\_cbs[e](t)};else{if(2!==i [e])throw Error("wrong number of

 $arguments"); e="on"+e,r.prototype[e]=function(t,n) {this.events.push([e,t,n]),this._cbs[e]&&this._cbs[e](t,n)}}), r.pr ototype.onreset=function() {this.events=[],this._cbs.onreset&&this._cbs.onreset()}, r.prototype.restart=function() {this.s_cbs.onreset&&this._cbs.onreset()}, r.prototype.restart=function() {this.s_cbs.onreset&&this._cbs[this.events[e][0]]) {var n=this.events[e].length;1===n?this._cbs[this.events[e][0]]():2===n?this._cbs[this.events[e][0]](this.events[e][1]):this._cbs[this.events[e][0]](this.events[e][1]):this._cbs[this.events[e][0]](this.events[e][1]):this._cbs[this.events[e][2]) } , {".'":36}], 30:[function(e,t,n) {function r(e,t) {this.init(e,t)} {function i(e,t) {return c.getElementsByTagName(e,t,!0) } function a(e,t) {return c.getElementsByTagName(e,t,!0) } function {return c.getElementsByTagName(e,t,!0) } function {return c.getElementsByTagName(e,t,!0) } function {return c.getElementsByTagName(e,t,!0) } function {return c.get$ 

c.getElementsByTagName(e,t,!0,1)[0]}function o(e,t,n){return

l = e("./index.js"), u = l.DomHandler, c = l.DomUtils; e("inherits")(r, u), r.prototype.init = u; variable in the start of the start

 $p=function(e) \{return"rss"===e||"feed"===e||"rdf:RDF"===e \}; r.prototype.onend=function() \{var_{i}, v_{i}, v_{i}$ 

 $e,t,n=\{\},r=a(p,this.dom);r\&\&("feed"===r.name?(t=r.children,n.type="atom",s(n,"id","id",t),s(n,"title","title",t),(e=a(n,t));r\&\&(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),rame(n,t),r$ 

"link",t))&&(e=e.attribs)&&(e=e.href)&&(n.link=e),s(n,"description","subtitle",t),(e=o("updated",t))&&(n.updated = new Date(e)),s(n,"author","email",t,!0),n.items=i("entry",t).map(function(e){var t,n={};return

e=e.children, s(n, "id", e), s(n, "title", "title", e), (t=a("link", e)) &&(t=t.attribs) &&(t=t.href) &&(n.link=t), (t=o("summary", e)||o("content", e)) &&(n.description=t), (t=o("updated", e)) &&(n.pubDate=new) &&(n.description=t), (t=o("updated", e)) & (t=o("updated",

Date(t)),n})):(t=a("channel",r.children).children,n.type=r.name.substr(0,3),n.id="",s(n,"title","title",t),s(n,"link","lin k",t),s(n,"description",t),(e=o("lastBuildDate",t))&&(n.updated=new

 $Date(e)), s(n, "author", "managingEditor", t, !0), n. items = i("item", r. children). map(function(e) \{var t, n = \{\}; return a transformation (n + 1), n + 1\}$ 

e=e.children,s(n,"id","guid",e),s(n,"title","title",e),s(n,"link","link",e),s(n,"description","description",e),(t=o("pubDat e",e))&&(n.pubDate=new Date(t)),n})),this.dom=n,u.prototype.\_handleCallback.call(this,r?null:Error("couldn't

find root of feed"))},t.exports=r},{"./index.js":36,inherits:38}],31:[function(e,t,n){function

 $r(e,t) \{this\_options=t||\{\},this\_cbs=e||\{\},this\_tagname="",this\_attribname="",this\_attribvalue="",this\_attribs=null,this\_stack=[],this\_startIndex=0,this\_endIndex=null,this\_lowerCaseTagNames="lowerCaseTags" in the startIndex startI$ 

this.\_options?!!this.\_options.lowerCaseTags:!this.\_options.xmlMode,this.\_lowerCaseAttributeNames="lowerCaseAttributeNames"in

this\_options?!!this\_options.lowerCaseAttributeNames:!this\_options.xmlMode,this\_options.Tokenizer&&(i=this.\_ options.Tokenizer),this\_tokenizer=new i(this\_options,this),this\_cbs.onparserinit&&this\_cbs.onparserinit(this)}var i=e("./Tokenizer.js"),a={input:!0,option:!0,optgroup:!0,select:!0,button:!0,datalist:!0,textarea:!0},o={tr:{tr:!0,th:!0,t} d:!0},th:{th:!0},td:{thead:!0,th:!0,td:!0},body:{head:!0,link:!0,script:!0},li:{li:!0},p:{p:!0},h1:{p:!0},h2:{p:!0},h3:{ p:!0},h4:{p:!0},h5:{p:!0},h6:{p:!0},select:a,input:a,output:a,button:a,datalist:a,textarea:a,option:{option:!0},optgrou p:{optgroup:!0}},s={\_\_proto\_\_:null,area:!0,base:!0,basefont:!0,br:!0,col:!0,command:!0,embed:!0,frame:!0,hr:!0,im g:!0,input:!0,isindex:!0,keygen:!0,link:!0,meta:!0,param:!0,source:!0,track:!0,wbr:!0,path:!0,circle:!0,ellipse:!0,line: !0,rect:!0,use:!0,stop:!0,polyline:!0,polygon:!0},l=/\s|\//;e("inherits")(r,e("events").EventEmitter),r.prototype.\_updat ePosition=function(e){null===this.endIndex?this\_tokenizer\_sectionStart<=e?this.startIndex=0:this.startIndex=this. \_tokenizer.\_sectionStart-

e:this.startIndex=this.endIndex+1,this.endIndex=this.\_tokenizer.getAbsoluteIndex()},r.prototype.ontext=function(e) {this.\_updatePosition(1),this.endIndex--

,this.\_cbs.ontext&&this.\_cbs.ontext(e)},r.prototype.onopentagname=function(e){if(this.\_lowerCaseTagNames&&(e =e.toLowerCase()),this.\_tagname=e,!this.\_options.xmlMode&&e in o)for(var t;(t=this.\_stack[this.\_stack.length-1])in o[e];this.onclosetag(t));!this.\_options.xmlMode&&e in

s||this.\_stack.push(e),this.\_cbs.onopentagname&&this.\_cbs.onopentagname(e),this.\_cbs.onopentag&&(this.\_attribs= {})},r.prototype.onopentagend=function(){this.\_updatePosition(1),this.\_attribs&&(this.\_cbs.onopentag&&this.\_cbs. onopentag(this.\_tagname,this.\_attribs),this.\_attribs=null),!this.\_options.xmlMode&&this.\_cbs.onclosetag&&this.\_ta gname in

 $s\&\&this\_cbs.onclosetag(this\_tagname), this\_tagname="""\}, r. prototype.onclosetag=function(e) \{if(this\_updatePosition(1), this\_lowerCaseTagNames\&\&(e=e.toLowerCase()), !this\_stack.length||e in the start of the sta$ 

s&&!this.\_options.xmlMode)this.\_options.xmlMode||"br"!==e&&"p"!==e||(this.onopentagname(e),this.\_closeCurre ntTag());else{var t=this.\_stack.lastIndexOf(e);if(t!==-1)if(this.\_cbs.onclosetag)for(t=this.\_stack.length-t;t--;)this.\_cbs.onclosetag(this.\_stack.pop());else

 $\label{eq:constraint} this\_stack.length=t;else"p"!==e||this\_options.xmlMode||(this.onopentagname(e),this\_closeCurrentTag())\},r.prototype.onselfclosingtag=function(){this\_options.xmlMode||this\_options.recognizeSelfClosing?this\_closeCurrentTag());this.onopentagend()},r.prototype._closeCurrentTag=function(){var}$ 

 $e=this.\_tagname; this.onopentagend(), this.\_stack[this.\_stack.length-induction] and the stack is the stack of the stack is the stack of the stack is the stack of the stack of the stack is the stack of the stack$ 

 $1] ===e\&\&(this.\_cbs.onclosetag\&\&this.\_cbs.onclosetag(e),this.\_stack.pop())\}, r.prototype.onattribname=function(e) \\ \{this.\_lowerCaseAttributeNames\&\&(e=e.toLowerCase()),this.\_attribname=e\}, r.prototype.onattribdata=function(e) \\ this.\_attribvalue+=e\}, r.prototype.onattribend=function() \\ \{this.\_cbs.onattribute\&\&this.\_cbs.onattribute(this.\_attribname] \\ me,this.\_attribvalue), this.\_attribs\&\&!Object.prototype.hasOwnProperty.call(this.\_attribs,this.\_attribname] \\ attribs[this.\_attribname] = this.\_attribvalue), this.\_attribname="",this.\_attribvalue=""}, r.prototype.\_getInstructionNam \\ e=function(e) \\ var t=e.search(l), n=t<0?e:e.substr(0,t); return \\ var t=e.sear$ 

 $\label{eq:lowerCaseTagNames\&\&(n=n.toLowerCase()),n}, r.prototype.ondeclaration=function(e) \{ if (this._cbs.onprocess inginstruction) \{ var \end{tabular} and \end{tabular} a$ 

t=this.\_getInstructionName(e);this.\_cbs.onprocessinginstruction("!"+t,"!"+e)}},r.prototype.onprocessinginstruction=function(e){if(this.\_cbs.onprocessinginstruction){var

 $t=this\_getInstructionName(e); this\_cbs.onprocessinginstruction("?"+t,"?"+e) \}, r.prototype.oncomment=function(e) \\ \{this\_updatePosition(4), this\_cbs.oncomment&&this\_cbs.oncomment(e), this\_cbs.oncommentend&&this\_cbs.onc ommentend() \}, r.prototype.oncdata=function(e) \\ \{this\_updatePosition(1), this\_options.xmlMode|| this\_options.recogn izeCDATA?(this\_cbs.oncdatastart&&this\_cbs.oncdatastart(), this\_cbs.ontext&&this\_cbs.ontext(e), this\_cbs.oncdatastart(e), t$ 

e=this.\_stack.length;e>0;this.\_cbs.onclosetag(this.\_stack[--

e]));this.\_cbs.onend&&this.\_cbs.onend()},r.prototype.reset=function(){this.\_cbs.onreset&&this.\_cbs.onreset(),this.\_ tokenizer.reset(),this.\_tagname="",this.\_attribname="",this.\_attribs=null,this.\_stack=[],this.\_cbs.onparserinit&&this. \_cbs.onparserinit(this)},r.prototype.parseComplete=function(e){this.reset(),this.end(e)},r.prototype.write=function(e) {this.\_tokenizer.write(e)},r.prototype.end=function(e){this.\_tokenizer.end(e)},r.prototype.pause=function(){this.\_t okenizer.pause()},r.prototype.resume=function(){this.\_tokenizer.resume()},r.prototype.parseChunk=r.prototype.writ e,r.prototype.done=r.prototype.end,t.exports=r},{"./Tokenizer.js":34,events:28,inherits:38}],32:[function(e,t,n){func tion r(e){this.\_cbs=e||{}}t.exports=r;var

i=e("./").EVENTS;Object.keys(i).forEach(function(e){if(0===i[e])e="on"+e,r.prototype[e]=function(){this.\_cbs[e]} &&this.\_cbs[e]()};else

 $\label{eq:interm} if (1===i[e])e="on"+e,r.prototype[e]=function(t) \{this.\_cbs[e]\&\&this.\_cbs[e](t)\}; else \{if (2!==i[e])throw Error("wrong number of the set of the$ 

 $arguments"); e="on"+e,r.prototype[e]=function(t,n){this._cbs[e]&&this._cbs[e](t,n)}}), {"./":36}], 33: [function(e,t, n){function r(e){a.call(this,new i(this),e)}function i(e){this.scope=e}t.exports=r;var}$ 

a=e("./WritableStream.js");e("inherits")(r,a),r.prototype.readable=!0;var

 $o=e("../").EVENTS;Object.keys(o).forEach(function(e){if(0===o[e])i.prototype["on"+e]=function(){this.scope.emit(e)};else if(1===o[e])i.prototype["on"+e]=function(t){this.scope.emit(e,t)};else{if(2!==o[e])throw Error("wrong number of the second s$ 

 $arguments!"); i. prototype["on"+e]=function(t,n){this.scope.emit(e,t,n)}}), {"../":36,"./WritableStream.js":35, inherit s:38}], 34: [function(e,t,n){function r(e){return" "===e}||"\n"===e||"\t"===e||"\t"===e||"\t"===e}function i(e,t){return function(n){n===e&&(this._state=t)}function a(e,t,n){var r=e.toLowerCase(); return}}$ 

e===r?function(e){e===r?this.\_state=t:(this.\_state=n,this.\_index--

 $) \\ function(i) \\ i = = r ||i = = e?this\_state = t:(this\_state = n, this\_index--) \\ function(r) \\ r = = n ||r = = e?this\_state = t:(this\_state = m, this\_index--) \\ function(r) \\ function(r) \\ r = = n ||r = = e?this\_state = t:(this\_state = m, this\_index--) \\ function(r) \\ function$ 

s(e,t){this.\_state=f,this.\_buffer="",this.\_sectionStart=0,this.\_index=0,this.\_bufferOffset=0,this.\_baseState=f,this.\_sp

ecial=me,this.\_cbs=t,this.\_running=!0,this.\_ended=!1,this.\_xmlMode=!(!e||!e.xmlMode),this.\_decodeEntities=!(!e||!e.decodeEntities)}t.exports=s;var

 $l=e("entities/lib/decode_codepoint.js"), u=e("entities/maps/entities.json"), c=e("entities/maps/legacy.json"), p=e("entities/maps/legacy.json"), p=e("entities/maps/xml.json"), h=0, f=h++, d=h++, m=h++, g=h++, y=h++, v=h++, b=h++, m=h++, a=h++, A$ 

)},s.prototype.\_stateBeforeCloseingTagName=function(e){r(e)||(">"===e?this.\_state=f:this.\_special!==me?"s"===e ||"S"===e?this.\_state=V:(this.\_state=f,this.\_index--

 $): (this\_state=v, this\_sectionStart=this\_index)) \}, s. prototype\_stateInCloseingTagName=function(e) \{ (">"===e||r(e)) \& \& (this\_emitToken("onclosetag"), this\_state=b, this\_index--$ 

 $) \}, s. prototype.\_stateAfterCloseingTagName=function(e) \{">"===e\&\&(this.\_state=f,this.\_sectionStart=this.\_index+1) \}, s. prototype.\_stateBeforeAttributeName=function(e) \{">"===e?(this.\_cbs.onopentagend(),this.\_state=f,this.\_sectionStart=this.\_index+1) : "/"===e?this.\_state=g:r(e) || (this.\_state=\_,this.\_sectionStart=this.\_index) \}, s. prototype.\_stateIn SelfClosingTag=function(e) {">"===e?(this.\_state=g;r(e) || (this.\_state=\_,this.\_sectionStart=this.\_index+1) ; s. prototype.\_stateIn SelfClosingTag=function(e) {">"===e?(this.\_state=\_g;r(e) || (this.\_state=\_,this.\_state==f,this.\_sectionStart=this.\_index+1) ; r(e) || (this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_state==m,this.\_index+1):r(e) || (this.\_state==w,this.\_index--m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,this.\_index+-m,t$ 

)},s.prototype.\_stateInAttributeName=function(e){("="===e||"/"===e||">"===e||r(e))&&(this.\_cbs.onattribname(this .\_getSection()),this.\_sectionStart=-1,this.\_state=x,this.\_index--

 $) \}, s. prototype\_stateAfterAttributeName=function(e) \{"="===e?this\_state=A:"/"===e||">"===e?(this\_cbs.onattribend(), this\_state=w, this\_index--$ 

):r(e)||(this.\_cbs.onattribend(),this.\_state=\_,this.\_sectionStart=this.\_index)},s.prototype.\_stateBeforeAttributeValue= function(e){'''===e?(this.\_state=S,this.\_sectionStart=this.\_index+1):''''===e?(this.\_state=j,this.\_sectionStart=this.\_i ndex+1):r(e)||(this.\_state=E,this.\_sectionStart=this.\_index,this.\_index--

 $) \}, s. prototype.\_stateInAttributeValueDoubleQuotes=function(e) \{ ""===e?(this.\_emitToken("onattribdata"), this.\_cbs. on attribend(), this.\_state=w): this.\_decodeEntities\&\&"\&"===e\&\&(this.\_emitToken("on attribdata"), this.\_baseState=this.\_state, this.\_state=ue, this.\_state=ue, this.\_state=this.\_index) \}, s. prototype.\_stateInAttributeValueSingleQuotes=function(e) \{ """===e?(this.\_emitToken("on attribdata"), this.\_cbs. on attribend(), this.\_state=w): this.\_decodeEntities\&\&"\&"===e\&\&(this.\_emitToken("on attribdata"), this.\_cbs. on attribend(), this.\_state=w): this.\_decodeEntities\&\&"\&"===e\&\&(this.\_emitToken("on attribdata"), this.\_cbs. on attribend(), this.\_state=w): this.\_decodeEntities\&\&"\&"===e\&\&(this.\_emitToken("on attribdata"), this.\_baseState=this.\_state, this.\_state=ue, this.\_sectionStart=this.\_index) \}, s. prototype.\_stateInAttributeValueSingleQuotes=function(e) \\ stateInAttributeValueNoQuotes=function(e) \\ stateInAttributeValu$ 

 $): this\_decodeEntities\&\&"\&"===e\&\&(this\_emitToken("onattribdata"), this\_baseState=this\_state, this\_state=ue, this\_scate=this\_index) \}, s. prototype\_stateBeforeDeclaration=function(e) \{ this\_state="["===e?M:"-1.5, the state=this] \} \} = the state state$ 

"===e?C:k},s.prototype.\_stateInDeclaration=function(e){

 $">"===e\&(this._cbs.ondeclaration(this._getSection()), this._state=f, this._sectionStart=this._index+1) \}, s. prototype. __stateInProcessingInstruction=function(e){">"===e\&(this._cbs.onprocessingInstruction(this._getSection()), this._state=f, this._sectionStart=this._index+1) \}, s. prototype._stateBeforeComment=function(e){"-$ 

 $"===e?(this\_state=I,this\_sectionStart=this\_index+1):this\_state=k}, s.prototype\_stateInComment=function(e){"-index+1}:this\_state=k}, s.prototype\_stateInComment=function(e){"-index+1}:this\_stateInComment=function(e){"-index+1}:this\_stateInComment=function(e){"-index+1}:this\_stateInComment=function(e){"-index+1}:this\_stateInComment=function(e){"-index+1}:$ 

"===e&&(this.\_state=D)},s.prototype.\_stateAfterComment1=function(e){"-

 $"===e?this\_state=L:this\_state=I\}, s.prototype\_stateAfterComment2=function(e) {">"===e?(this\_cbs.oncomment(this\_buffer.substring(this\_sectionStart,this\_index-2)), this\_state=f, this\_sectionStart=this\_index+1):"-$ 

"!==e&&(this.\_state=I)},s.prototype.\_stateBeforeCdata1=a("C",R,k),s.prototype.\_stateBeforeCdata2=a("D",U,k),s. prototype.\_stateBeforeCdata3=a("A",P,k),s.prototype.\_stateBeforeCdata4=a("T",q,k),s.prototype.\_stateBeforeCdata 5=a("A",B,k),s.prototype.\_stateBeforeCdata6=function(e){"["===e?(this.\_state=z,this.\_sectionStart=this.\_index+1): (this.\_state=k,this.\_index--

 $2)), this\_state=f, this\_sectionStart=this\_index+1):"]"!==e\&\&(this\_state=z)\}, s. prototype\_stateBeforeSpecial=function(e){"c"===e||"C"===e?this\_state=H:"t"===e||"T"===e?this\_state=te:(this\_state=m, this\_index--beta:)], s. prototype\_stateBeforeSpecial=function(e){"c"===e||"C"===e?this\_state=H:"t"===e||"T"===e?this\_state=te:(this\_state=m, this\_index--beta:)], s. prototype\_stateBeforeSpecial=function(e){"c"===e||"C"===e?this\_state=H:"t"===e||"T"===e?this\_state=te:(this\_state=m, this\_index--beta:)], s. prototype\_stateBeforeSpecial=function(e){"c"===e||"C"===e?this\_state=H:"t"===e||"T"===e?this\_state=te:(this\_state=m, this\_index--beta:)], s. prototype\_stateBeforeSpecial=function(e){"c"===e}||"C"===e?this\_state=H:"t"===e?this\_state=te:(this\_state=m, this\_index--beta:)], s. prototype\_stateBeforeSpecial=function(e){"c"===e?this\_state=H:"t"===e?this\_state=te:(this\_state=m, this\_index--beta:)], s. prototype\_stateBeforeSpecial=function(e){"c"===e?this\_state=H:"t"===e?this\_state=te:(this\_state=m, this\_index--beta:)], s. prototype\_stateBeforeSpecial=function(e){"c"===e?this\_state=te:(this\_state=m, this\_index--beta:)], s. prototype\_stateBeforeSpecial=function(e){"c"===e?this\_state=te:(this\_state=m, this\_index--beta:)], s. prototype\_stateBeforeSpecial=function(e){"c"===e?this\_state=te:(this\_state=m, this\_index--beta:)], s. prototype\_stateBeforeSpecial=function(e){"c"===e?this\_state=te:(this\_state=m, this\_index--beta:)], s. prototype\_stateBeforeSpecial=function(e){"c"===e?this\_state=te:(this\_state=te:(this\_state=m, this\_index--beta:)], s. prototype\_stateBeforeSpecial=function(e){"c"===e?this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=te:(this\_state=t$ 

)},s.prototype.\_stateBeforeSpecialEnd=function(e){this.\_special!==ge||"c"!==e&&"C"!==e?this.\_special!==ye||"t"! ==e&&"T"!==e?this.\_state=f:this.\_state=ae:this.\_state=G},s.prototype.\_stateBeforeScript1=o("R",Y),s.prototype.\_stateBeforeScript2=o("I",J),s.prototype.\_stateBeforeScript3=o("P",W),s.prototype.\_stateBeforeScript4=o("T",Q),s.pr ototype.\_stateBeforeScript5=function(e){("/"===e||">"===e||r(e))&&(this.\_special=ge),this.\_state=m,this.\_index--},s.prototype.\_stateAfterScript1=a("R",K,f),s.prototype.\_stateAfterScript2=a("I",X,f),s.prototype.\_stateAfterScript3 =a("P",Z,f),s.prototype.\_stateAfterScript4=a("T",ee,f),s.prototype.\_stateAfterScript5=function(e){">"===e||r(e)?(this.\_special=ge),this.\_state=m,this.\_index--} s. special=me,this.\_state=v,this.\_sectionStart=this.\_index--

 $): this\_state=f\}, s. prototype\_stateBeforeStyle1=o("Y", ne), s. prototype\_stateBeforeStyle2=o("L", re), s. prototype\_stateBeforeStyle3=o("E", ie), s. prototype\_stateBeforeStyle4=function(e){("/"===e||">"===e||r(e))&&(this\_special=ye), this\_state=m, this\_index--$ 

 $\label{eq:stateAfterStyle1=a("Y",oe,f),s.prototype._stateAfterStyle2=a("L",se,f),s.prototype._stateAfterStyle3=a("E",le,f),s.prototype._stateAfterStyle4=function(e){">"===e||r(e)?(this._special=me,this._state=v,this._sectionStart=this._index-5,this._index--$ 

):this.\_state=f},s.prototype.\_stateBeforeEntity=a("#",ce,pe),s.prototype.\_stateBeforeNumericEntity=a("X",fe,he),s.prototype.\_parseNamedEntityStrict=function(){if(this.\_sectionStart+1<this.\_index){var}}

 $e=this\_buffer.substring(this\_sectionStart+1,this\_index),t=this\_xmlMode?p:u;t.hasOwnProperty(e)\&\&(this\_emit Partial(t[e]),this\_sectionStart=this\_index+1)\}\},s.prototype\_parseLegacyEntity=function(){var}$ 

e=this.\_sectionStart+1,t=this.\_index-e;for(t>6&&(t=6);t>=2;){var

 $n=this.\_buffer.substr(e,t); if (c.hasOwnProperty(n)) return \ this.\_emitPartial(c[n]), void(this.\_sectionStart+=t+1); t--interval (the sectionStart) return \ this.\_emitPartial(c[n]), void(this.\_sectionStart) return \ this.\_emitPartial(c[n]), void(this.\_sectionStart) return \ this.\_sectionStart) return \ this.\_sectionStart return \ thi$ 

 $\label{eq:state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-state_non-stat$ 

 $) \\ \label{eq:linear}, s.prototype._decodeNumericEntity=function(e,t) \\ var n=this._sectionStart+e; if(n!==this._index) \\ var r=this._buffer.substring(n,this._index), i=parseInt(r,t); \\ this._emitPartial(l(i)), this._sectionStart=this._index \\ else this._sectionStart-- \\ var n=this._sectionStart-- \\ var$ 

 $; this\_state=this\_baseState\}, s.prototype\_stateInNumericEntity=function(e){";"===e?(this\_decodeNumericEntity(2,10), this\_sectionStart++):(e<"0"||e>"9")&&(this\_xmlMode?this\_state=this\_baseState:this\_decodeNumericEntity(2,10), this\_index--$ 

)},s.prototype.\_stateInHexEntity=function(e){";"===e?(this.\_decodeNumericEntity(3,16),this.\_sectionStart++):(e<" a"||e>"f")&&(e<"A"||e>"F")&&(e<"0"||e>"9")&&(this.\_xmlMode?this.\_state=this.\_baseState:this.\_decodeNumericEntity(3,16),this.\_index--

)},s.prototype.\_cleanup=function(){this.\_sectionStart<0?(this.\_buffer="",this.\_index=0,this.\_bufferOffset+=this.\_in dex):this.\_running&&(this.\_state===f?(this.\_sectionStart!==this.\_index&&this.\_cbs.ontext(this.\_buffer.substr(this.\_sectionStart)),this.\_buffer="",this.\_bufferOffset+=this.\_index,this.\_index=0):this.\_sectionStart===this.\_index?(this .\_buffer="",this.\_bufferOffset+=this.\_index=0):(this.\_buffer=this.\_buffer.substr(this.\_sectionStart),this.\_ index=0):(this.\_buffer=this.\_buffer.substr(this.\_sectionStart),this.\_ index-

=this.\_sectionStart,this.\_bufferOffset+=this.\_sectionStart),this.\_sectionStart=0)},s.prototype.write=function(e){this. \_ended&&this.\_cbs.onerror(Error(".write() after

done!")),this.\_buffer+=e,this.\_parse()},s.prototype.\_parse=function(){for(;this.\_index<this.\_buffer.length&&this.\_r
unning;){var</pre>

e=this.\_buffer.charAt(this.\_index);this.\_state===f?this.\_stateText(e):this.\_state===d?this.\_stateBeforeTagName(e):t  $his.\_state==m?this.\_stateInTagName(e):this.\_state===y?this.\_stateBeforeCloseingTagName(e):this.\_state===v?this.\_state===v?this.\_state===v?this.\_state===v?this.\_state===v?this.\_state===v?this.\_state===v?this.\_state===v?this.\_state===v?this.\_state===v?this.\_state===v?this.\_state===v?this.\_state===v?this.\_state===v?this.\_state===v?this.\_state===v?this.\_state===v?this.\_state===v?this.\_state===v?this.\_state===v?this.\_state===v?this.\_state===v?this.\_state===v?this.\_state===v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state==v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state=v?this.\_state$  $is\_stateInCloseingTagName(e): this\_state===b? this\_stateAfterCloseingTagName(e): this\_state===g? this\_stateInS and a stateAfterCloseingTagName(e): this\_stateAfterCloseingTagName(e): this\_st$  $elfClosingTag(e): this\_state===w? this\_stateBeforeAttributeName(e): this\_state===_? this\_stateInAttributeName(e): this\_state$ :this. state===x?this. stateAfterAttributeName(e):this. state===A?this. stateBeforeAttributeValue(e):this. state===  $= S? this\_stateInAttributeValueDoubleQuotes(e): this\_state===j? this\_stateInAttributeValueSingleQuotes(e): this\_state==j? this\_stateInAttributeValueSingleQuotes(e): this\_state==j? this\_stateInAttributeValueSingleQuotes(e): this\_state==j? this\_stateInAttributeValueSingleQuotes(e): this\_state==j? this\_stateInAttributeValueSingleQuotes(e): this\_state==j? this\_stateInAttributeValueSingleQuotes(e): this\_state==j? this\_state==$ ate===E?this.\_stateInAttributeValueNoQuotes(e):this.\_state===O?this.\_stateBeforeDeclaration(e):this.\_state===k? this. stateInDeclaration(e):this. state===T?this. stateInProcessingInstruction(e):this. state===C?this. stateBefore  $Comment(e): this.\_state == I? this.\_state In Comment(e): this.\_state == D? this.\_state After Comment1(e): this.\_state == I? this.\_state$  $L? this\_stateAfterComment2(e): this\_state==M? this\_stateBeforeCdata1(e): this\_state==R? this\_stateBeforeCdata1(e): this\_stateBe$ a2(e):this. state===U?this. stateBeforeCdata3(e):this. state===P?this. stateBeforeCdata4(e):this. state===q?this.  $stateBeforeCdata5(e): this.\_state==B?this.\_stateBeforeCdata6(e): this.\_state===z?this.\_stateInCdata(e): this.\_state==bristateBeforeCdata5(e): this.\_stateBeforeCdata5(e): this.\_stateBeforeCdata5(e)$ ==N?this.\_stateAfterCdata1(e):this.\_state===\$?this.\_stateAfterCdata2(e):this.\_state===F?this.\_stateBeforeSpecial(  $e): this\_state == V? this\_state Before Special End(e): this\_state == H? this\_state Before Script 1(e): this\_state == Y? this\_state Before Special End(e): this\_state == Y? this\_state == Y$  this\\_state == Y this\\_state == Y? this\\_state == Y this\\_state == Y this\\_state == Y thi  $s\_stateBeforeScript2(e):this\_state==J?this\_stateBeforeScript3(e):this\_state==W?this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScript4(e):this\_stateBeforeScrip$ s. state===Q?this. stateBeforeScript5(e):this. state===G?this. stateAfterScript1(e):this. state===K?this. stateAft  $erScript2(e): this\_state==X? this\_stateAfterScript3(e): this\_state==Z? this\_stateAfterScript4(e): this\_state==ee?$  $this\_stateAfterScript5(e): this\_state==te?this\_stateBeforeStyle1(e): this\_state==ne?this\_stateBeforeStyle2(e): this\_stateBeforeStyle2(e): this\_stateBefore$ is. state===re?this. stateBeforeStyle3(e):this. state===ie?this. stateBeforeStyle4(e):this. state===a?this. stateAf  $terStyle1(e): this.\_state===oe? this.\_stateAfterStyle2(e): this.\_state===se? this.\_stateAfterStyle3(e): this.\_state===le? this.\_state===le? this.\_stateAfterStyle3(e): this.\_stateAft$  $his\_stateAfterStyle4(e): this\_state==ue? this\_stateBeforeEntity(e): this\_state===ce? this\_stateBeforeNumericEntity(e): this\_stateBeforeNumer$ y(e):this. state===pe?this. stateInNamedEntity(e):this. state===he?this. stateInNumericEntity(e):this. state===fe ?this.\_stateInHexEntity(e):this.\_cbs.onerror(Error("unknown

\_state"),this.\_state),this.\_index++}this.\_cleanup()},s.prototype.pause=function(){this.\_running=!1},s.prototype.resu me=function(){this.\_running=!0,this.\_index<this.\_buffer.length&&this.\_parse(),this.\_ended&&this.\_finish()},s.prot otype.end=function(e){this.\_ended&&this.\_cbs.onerror(Error(".end() after

done!")),e&&this.write(e),this.\_ended=!0,this.\_running&&this.\_finish()},s.prototype.\_finish=function(){this.\_sectio nStart<this.\_index&&this.\_handleTrailingData(),this.\_cbs.onend()},s.prototype.\_handleTrailingData=function(){var e=this.\_buffer.substr(this.\_sectionStart);this.\_state===z||this.\_state===N||this.\_state===\$?this.\_cbs.oncdata(e):this.\_ state===I||this.\_state===D||this.\_state===L?this.\_cbs.oncomment(e):this.\_state!==pe||this.\_xmlMode?this.\_state!== he||this.\_state!==fe||this.\_state!==fe||this.\_xmlMode?this.\_state!==m&&this.\_state!==w&&this.\_state!==A&&this.\_ state!==x&&this.\_state!=={&&this.\_state!==j&&this.\_state!==S&&this.\_state!==E&&this.\_baseState,this.\_cbs. ontext(e):(this.\_decodeNumericEntity(3,16),this.\_sectionStart<this.\_index&&(this.\_state=this.\_baseState,this.\_hand leTrailingData())):(this.\_decodeNumericEntity(2,10),this.\_sectionStart<this.\_index&&(this.\_state=this.\_baseState,this.\_ handleTrailingData())):(this.\_parseLegacyEntity(),this.\_sectionStart<this.\_index&&(this.\_state=this.\_baseState,this.\_ handleTrailingData()))},s.prototype.reset=function(){s.call(this,{xmlMode:this.\_xmlMode,decodeEntities:this.\_ \_decodeEntities},this.\_cbs)},s.prototype.getAbsoluteIndex=function(){return

this.\_bufferOffset+this.\_index }, s.prototype.\_getSection=function() { return

this.\_buffer.substring(this.\_sectionStart,this.\_index)},s.prototype.\_emitToken=function(e){this.\_cbs[e](this.\_getSect ion()),this.\_sectionStart=-

1},s.prototype.\_emitPartial=function(e){this.\_baseState!==f?this.\_cbs.onattribdata(e):this.\_cbs.ontext(e)}},{"entitie s/lib/decode\_codepoint.js":22,"entities/maps/entities.json":25,"entities/maps/legacy.json":26,"entities/maps/xml.json ":27}],35:[function(e,t,n){function r(e,t){var n=this.\_parser=new i(e,t),r=this.\_decoder=new

o;a.call(this,{decodeStrings:!1}),this.once("finish",function(){n.end(r.end())})}t.exports=r;var

i=e("./Parser.js"),a=e("stream").Writable||e("readable-

nction(e,t,n){e instanceof

s&&(e=this.\_decoder.write(e)),this.\_parser.write(e),n()}},{"./Parser.js":31,buffer:5,inherits:38,"readablestream":3,stream:55,string\_decoder:56}],36:[function(e,t,n){function r(e,n){return delete t.exports[e],t.exports[e]=n,n}var i=e("./Parser.js"),a=e("domhandler");t.exports={Parser:i,Tokenizer:e("./Tokenizer.js"),ElementType:e("domelement type"),DomHandler:a,get FeedHandler(){return r("FeedHandler",e("./FeedHandler.js"))},get Stream(){return r("Stream",e("./Stream.js"))},get WritableStream(){return r("WritableStream",e("./WritableStream.js"))},get ProxyHandler(){return r("ProxyHandler",e("./ProxyHandler.js"))},get DomUtils(){return r("DomUtils",e("domutils"))},get CollectingHandler(){return r("CollectingHandler",e("./CollectingHandler.js"))},DefaultHandler:a,get RssHandler(){return r("RssHandler",this.FeedHandler)},parseDOM:function(e,t){var n=new a(t);return new i(n,t).end(e),n.dom},parseFeed:function(e,n){var r=new t.exports.FeedHandler(n);return new i(r,n).end(e),r.dom},createDomStream:function(e,t,n){var r=new a(e,t,n);return new i(r,t)},EVENTS:{attribute:2,cdatastart:0,cdataend:0,text:1,processinginstruction:2,comment:1,commentend:0,closeta g:1,opentag:2,opentagname:1,error:1,end:0}}},{"./CollectingHandler.js":29,"./FeedHandler.js":30,"./Parser.js":31,"./ ProxyHandler.js":32,"./Stream.js":33,"./Tokenizer.js":34,"./WritableStream.js":35,domelementtype:9,domhandler:10  $, domutils: 13 \}, 37: [function(e,t,n) \{n.read=function(e,t,n,r,i) \{var a, o, s=8*i-r-1, l=(1 < s)-1, u=l >> 1, c=-7, p=n?i-1, u=l >> 1, c=-7, p$ 1:0,h=n?-1:1,f=e[t+p];for(p+=h,a=f&(1<<-c)-1,f>>=-c,c+=s;c>0;a=256\*a+e[t+p],p+=h,c=8);for(o=a&(1<<-c)-1,f>>=-c,c+=s;c>0;a=256\*a+e[t+p],p+=h,c=8);for(o=a&(1<<-c)-1,f>>=-c,c+=s;c>0;a=256\*a+e[t+p],p+=h,c=8);for(o=a&(1<<-c)-1,f>>=-c,c+=s;c>0;a=256\*a+e[t+p],p+=h,c=8);for(o=a&(1<<-c)-1,f>>=-c,c+=s;c>0;a=256\*a+e[t+p],p+=h,c=8);for(o=a&(1<<-c)-1,f>>=-c,c+=s;c>0;a=256\*a+e[t+p],p+=h,c=8);for(o=a&(1<<-c)-1,f>>=-c,c+=s;c>0;a=256\*a+e[t+p],p+=h,c=8);for(o=a&(1<<-c)-1,f>>=-c,c+=s;c>0;a=256\*a+e[t+p],p+=h,c=8);for(o=a&(1<<-c)-1,f>>=-c,c+=s;c>0;a=256\*a+e[t+p],p+=h,c=8);for(o=a&(1<<-c)-1,f>>=-c,c+=s;c>0;a=256\*a+e[t+p],p+=h,c=8);for(o=a&(1<<-c)-1,f>>=-c,c+=s;c>0;a=256\*a+e[t+p],p+=h,c=8);for(o=a&(1<<-c)-1,f>>=-c,c+=s;c>0;a=256\*a+e[t+p],p+=h,c=8);for(o=a&(1<<-c)-1,f>>=-c,c+=s;c>0;a=256\*a+e[t+p],p+=h,c=8);for(o=a&(1<<-c)-1,f>>=-c,c+=s;c>0;a=256\*a+e[t+p],p+=h,c=8);for(o=a&(1<<-c)-1,f>>=-c,c+=s;c>0;a=256\*a+e[t+p],p+=h,c=8);for(o=a&(1<<-c)-1,f>>=-c,c+=s;c>0;a=256\*a+e[t+p],p+=h,c=8);for(o=a&(1<<-c)-1,f>>=-c,c+=s;c>0;a=256\*a+e[t+p],p+=h,c=8);for(o=a&(1<<-c)-1,f>>=-c,c+=s;c>0;a=256\*a+e[t+p],p+=h,c=8);for(o=a&(1<<-c)-1,f>>=-c,c+=s;c>0;a=256\*a+e[t+p],p+=h,c=8);for(o=a&(1<<-c)-1,f>>=-c,c+=s;c>0;a=256\*a+e[t+p],p+=h,c=8);for(o=a&(1<<-c)-1,f>>=-c,c+=s;c>0;a=256\*a+e[t+p],p+=h,c=8);for(o=a&(1<<-c)-1,f>>=-c,c+=s;c>0;a=256\*a+e[t+p],p+=h,c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8);for(o=a(t+p),c=8) $1:1)*(1/0); o+=Math.pow(2,r), a-=u \ return(f?-1:1)*o*Math.pow(2,a-r) \ , n.write=function(e,t,n,r,i,a) \ (var o,s,l,u=8*a-r) \ , o, a-=u \ , o, a-=u \ ) \ , o, a-=u \ , o, a-=u \ , o, a-=u \ ) \ , o, a-=u \ , o, a-=u \ ) \ , o, a-=u \ , o, a-=u \ ) \ , a=u \$ i-1,c=(1<<u)-1,p=c>>1,h=23===i?Math.pow(2,-24)-Math.pow(2,-77):0,f=r?0:a-1,d=r?1:-1, m = t < 0 || 0 = = t & 1/t < 0?1:0; for(t = Math.abs(t), is NaN(t) || t = = 1/0?(s = is NaN(t)?1:0, o = c):(o = Math.floor(Math.log(t)/1:0, o = c):(o = Math.flooMath.LN2),t\*(l=Math.pow(2,-o))<1&&(o--,l\*=2),t+=o+p>=1?h/l:h\*Math.pow(2,1 $p_{t}=2\&(0++,1/=2), 0+p>=c?(s=0,0=c):0+p>=1?(s=(t^{1}-1)*Math.pow(2,i),0+=p):(s=t^{Math.pow(2,p-1)})$ 1)\*Math.pow(2,i),o=0));i>=8;e[n+f]=255&s,f+=d,s/=256,i-=8;for(o=o<<ii|s,u+=i;u>0;e[n+f]=255&o,f+=d,o/=256,u=8);e[n+fd = 128 m}, {}], 38: [function(e,t,n){"function"==typeof Object.create?t.exports=function(e,t){e.super\_=t,e.prototype=Object.create(t.prototype,{constructor:{value:e,enume rable:!1,writable:!0,configurable:!0}})}:t.exports=function(e,t){e.super\_=t;var n=function(){};n.prototype=t.prototype,e.prototype=new  $n,e.prototype.constructor=e\}, \{\}, 39:[function(e,t,n){function r(e){return!!e.constructor&&"function"==typeof}]$ e.constructor.isBuffer&&e.constructor.isBuffer(e) {function i(e) {return"function"==typeof e.readFloatLE&&"function"==typeof e.slice&&r(e.slice(0,0))}t.exports=function(e){return null!=e&&(r(e)||i(e)||!!e.\_isBuffer)}},{}],40:[function(e,t,n){var} r={ }.toString;t.exports=Array.isArray||function(e){return"[object Array]"==r.call(e)}},{}],41:[function(e,t,n){(function(e){"use strict";function n(t,n,r,i){if("function"!=typeof t)throw new TypeError("callback" argument must be a function');var a,o,s=arguments.length;switch(s){case 0:case 1:return e.nextTick(t);case 2:return e.nextTick(function(){t.call(null,n)});case 3:return e.nextTick(function(){t.call(null,n,r)});case 4:return e.nextTick(function(){t.call(null,n,r,i)});default:for(a=new Array(s-1),o=0;o<a.length;)a[o++]=arguments[o];return e.nextTick(function(){t.apply(null,a)})}!e.version||0==e.version.indexOf("v0.")||0==e.version.indexOf("v1.")& &0!==e.version.indexOf("v1.8.")?t.exports=n:t.exports=e.nextTick}).call(this,e("\_process"))},{\_process:42}],42:[fu nction(e,t,n){function r(){throw new Error("setTimeout has not been defined")}function i(){throw new Error("clearTimeout has not been defined")}function a(e){if(p===setTimeout)return setTimeout(e,0);if((p===r||!p)&&setTimeout)return p=setTimeout,setTimeout(e,0);try{return p(e,0)}catch(t){try{return p.call(null,e,0)}catch(t){return p.call(this,e,0)}}function o(e){if(h===clearTimeout)return clearTimeout(e);if((h===i||!h)&&clearTimeout)return  $h=clearTimeout,clearTimeout(e);try{return h(e)}catch(t){try{return h.call(null,e)}catch(t){return h.call(null,e)}catch(t){$ 

1,t=m.length}d=null,g=!1,o(e)}function u(e,t){this.fun=e,this.array=t}function c(){}var

p,h,f=t.exports={};!function(){try{p="function"==typeof

setTimeout?setTimeout:r}catch(e){p=r}try{h="function"==typeof

 $clearTimeout?clearTimeout:i catch(e) {h=i} (); var d, m=[],g=!1,y=-1; f.nextTick=function(e) {var t=new final content of the second s$ 

1]=arguments[n];m.push(new

u(e,t)),1!==m.length||g||a(l)},u.prototype.run=function(){this.fun.apply(null,this.array)},f.title="browser",f.browser= !0,f.env={},f.argv=[],f.version="",f.versions={},f.on=c,f.addListener=c,f.once=c,f.off=c,f.removeListener=c,f.remo veAllListeners=c,f.emit=c,f.binding=function(e){throw new Error("process.binding is not

supported")},f.cwd=function(){return"/"},f.chdir=function(e){throw new Error("process.chdir is not supported")},f.umask=function(){return

0}},{}],43:[function(e,t,n){t.exports=e("./lib/\_stream\_duplex.js")},{"./lib/\_stream\_duplex.js":44}],44:[function(e,t,n){"use strict";function r(e){return this instanceof

r?(u.call(this,e),c.call(this,e),e&&e.readable===!1&&(this.readable=!1),e&&e.writable===!1&&(this.writable=!1),this.allowHalfOpen=!0,e&&e.allowHalfOpen===!1&&(this.allowHalfOpen=!1),void this.once("end",i)):new

r(e) function i() {this.allowHalfOpen||this. writableState.ended||s(a,this)} function a(e) {e.end()} var

 $o=Object.keys \| function(e) \{ var \ t=[]; for(var \ n \ in \ e)t.push(n); return \ t \}; t.exports=r; var \ s=e("process-nextick-var \ s=c) \} \\ = o(t) + o($ 

args"),l=e("core-util-is");l.inherits=e("inherits");var

 $p{=}o(c.prototype), h{=}0; h{<}p.length; h{+}+){var}$ 

f=p[h];r.prototype[f]||(r.prototype[f]=c.prototype[f])}},{"./\_stream\_readable":46,"./\_stream\_writable":48,"core-utilis":6,inherits:38,"process-nextick-args":41}],45:[function(e,t,n){"use strict";function r(e){return this instanceof r?void i.call(this,e):new r(e)}t.exports=r;var i=e("./\_stream\_transform"),a=e("core-util-

is");a.inherits=e("inherits"),a.inherits(r,i),r.prototype.\_transform=function(e,t,n){n(null,e)}},{"./\_stream\_transform": 47,"core-util-is":6,inherits:38}],46:[function(e,t,n){(function(n){"use strict";function

r(e,t,n){return"function"==typeof

 $e.prependListener?e.prependListener(t,n):void(e._events\&\&e._events[t]?C(e._events[t])?e._events[t].unshift(n):e._events[t]=[n,e._events[t]]:e.on(t,n)) } function$ 

z&&(this.objectMode=this.objectMode||!!t.readableObjectMode);var

 $B, this.length=0, this.pipes=null, this.pipesCount=0, this.flowing=null, this.ended=!1, this.endEmitted=!1, this.reading=!1, this.sync=!0, this.needReadable=!1, this.emittedReadable=!1, this.readableListening=!1, this.resumeScheduled=!1, this.defaultEncoding=t.defaultEncoding||"utf8", this.ranOut=!1, this.awaitDrain=0, this.readingMore=!1, this.decoder=null, this.encoding=null, t.encoding&&(q||(q=e("string_decoder/").StringDecoder), this.decoder=new$ 

q(t.encoding),this.encoding=t.encoding)function a(t){return  $z=z||e("./_stream_duplex"),this instanceof$ 

 $a? (this.\_readableState=new~i(t,this), this.readable=!0, t\&\&"function"==typeof~t.read\&\&(this.\_read=t.read), void=!0, teadableState=new~i(t,this), this.readableState=!0, teadableState=!0, teadableState=!1, teadableState=!0, tea$ 

 $I.call(this)): new a(t) \\ function o(e,t,n,r,i) \\ var a = c(t,n); if(a)e.emit("error",a); else if(null===n)t.reading=!1, p(e,t); else if(null==n)t.reading=!1, p(e,t); else i$ 

 $if (t.objectMode \| n\&\&n.length > 0) if (t.ended\&\&!i) \{ var \ o=new \ Error("stream.push() \ after \ new \ error("stream.push() \ new \ error("stream.push() \ new \ new \ error("stream.push() \ new \ error("strea$ 

EOF");e.emit("error",o)}else if(t.endEmitted&&i){var l=new Error("stream.unshift() after end event");e.emit("error",l)}else{var

 $\label{eq:linear} u; !t.decoder ||i||r|| (n=t.decoder.write(n), u=!t.objectMode \& 0===n.length), i||(t.reading=!1), u||(t.flowing \& 0===t.length \& !t.sync?(e.emit("data", n), e.read(0)): (t.length+=t.objectMode?1:n.length, i?t.buffer.unshift(n):t.buffer.push(n), t.needReadable \& h(e))), d(e,t) else i||(t.reading=!1); return s(t) function = t.e.structure (t.e.structure)) = t.e.structure (t.e.structure) = t.e.structure) = t.e.structure) = t.e.structure (t.e.structure) = t.e.structure) = t.$ 

 $s(e) \{return ! e.ended \&\& (e.need Readable || e.length < e.high Water Mark || 0 == e.length) \} function \ l(e) \{return : e.ended \&\& (e.need Readable || e.length < e.high Water Mark || 0 == e.length) \} function \ l(e) \{return : e.ended \&\& (e.need Readable || e.length < e.high Water Mark || 0 == e.length) \} function \ l(e) \{return : e.ended \&\& (e.need Readable || e.length < e.high Water Mark || 0 == e.length) \} function \ l(e) \{return : e.ended \&\& (e.need Readable || e.length < e.high Water Mark || 0 == e.length) \} function \ l(e) \{return : e.ended \&\& (e.need Readable || e.length < e.high Water Mark || 0 == e.length) \} function \ l(e) \{return : e.ended \&\& (e.need Readable || e.length < e.high Water Mark || 0 == e.length) \} function \ l(e) \{return : e.ended \&\& (e.need Readable || e.length < e.high Water Mark || 0 == e.length) \} function \ l(e) \{return : e.ended \&\& (e.need Readable || e.length < e.high Water Mark || 0 == e.length) \} function \ l(e) \{return : e.ended \&\& (e.need Readable || e.length < e.high Water Mark || 0 == e.length) \} function \ l(e) \{return : e.ended \&\& (e.need Readable || e.length < e.high Water Mark || 0 == e.high Wat$ 

 $e \ge N?e = N:(e - , e | = e >>> 1, e | = e >>> 2, e | = e >>> 4, e | = e >>> 8, e | = e >>> 16, e + +), e$ function u(e,t){return e <= 0 || 0 == t.length & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.length? t.buffer.head.data.length: t.length: (e>t. e<= 0.12) || 0 == t.length & & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.length? t.buffer.head.data.length: t.length: (e>t. e<= 0.12) || 0 == t.length & & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.length? t.buffer.head.data.length: t.length: (e>t. e<= 0.12) || 0 == t.length & & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.length? t.buffer.head.data.length: t.length: (e>t. e<= 0.12) || 0 == t.length & & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.length? t.buffer.head.data.length: t.length: (e>t. e<= 0.12) || 0 == t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.length? t.buffer.head.data.length: t.length: (e>t. e<= 0.12) || 0 == t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.length? t.buffer.head.data.length: t.length: (e>t. e<= 0.12) || 0 == t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.length? t.buffer.head.data.length: t.length: (e>t. e<= 0.12) || 0 == t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.ended? 0: t.objectMode? 1: e! == e?t.flowing & & t.ended? 0: t.objectMhighWaterMark&&(t.highWaterMark=l(e)),e<=t.length?e:t.ended?t.length:(t.needReadable=!0,0))}function c(e,t){var n=null;return L.isBuffer(t)||"string"==typeof t||null===t||void 0===t||e.objectMode||(n=new var) TypeError("Invalid non-string/buffer chunk")),n}function p(e,t){if(!t.ended){if(t.decoder){var n=t.decoder.end();n&&n.length&&(t.buffer.push(n),t.length+=t.objectMode?1:n.length)t.ended=!0,h(e) }function h(e){var  $t=e.\_readableState;t.needReadable=!1,t.emittedReadable||(P("emitReadable",t.flowing),t.emittedReadable=!0,t.syncertainty and the state of the stat$ ?T(f,e):f(e)) {function f(e) {P("emit readable"), e.emit("readable"), w(e) } function d(e,t){t.readingMore||(t.readingMore=!0,T(m,e,t))}function m(e,t){for(var n=t.length;!t.reading&&!t.flowing&&!t.ended&&t.length<t.highWaterMark&&(P("maybeReadMore read 0"),e.read(0),n!==t.length);)n=t.length;t.readingMore=!1}function g(e){return function(){var t=e. readableState;P("pipeOnDrain",t.awaitDrain),t.awaitDrain&&t.awaitDrain--,0===t.awaitDrain&&D(e,"data")&&(t.flowing=!0,w(e))} function y(e){P("readable nexttick read 0"),e.read(0)function v(e,t){t.resumeScheduled||(t.resumeScheduled=!0,T(b,e,t))}function b(e,t){t.reading||(P("resume read 0"),e.read(0)),t.resumeScheduled=!1,t.awaitDrain=0,e.emit("resume"),w(e),t.flowing&&!t.reading&&e.read(0)}func tion w(e){var t=e. readableState;for(P("flow",t.flowing);t.flowing&&null!==e.read(););}function \_(e,t){if(0===t.length)return null;var n;return t.objectMode?n=t.buffer.shift(): !e||e>=t.length?(n=t.decoder?t.buffer.join(""): 1===t.buffer.length?t.buffer.head.data:t.buffer.concat(t.length),t.buffer.clear()):n=x(e,t.buffer,t.decoder),nfunction x(e,t,n){var r;return e < t. head. data. length? (r=t. head. data. slice(0, e), t. head. data=t. head. data. slice(e)): r=e===t. head. data. length? t. shift(): n?A = t. head. data. slice(0, e), t. head. data=t. head. data. slice(e): r=e==t. head. data. slice(e): r=e==t. head. data. slice(e): r=e==t. head. data. slice(e): r=e==t. head. data. slice(e): r=e=t. head. data. slice(e): r(e,t):S(e,t),r}function A(e,t){var n=t.head,r=1,i=n.data;for(e-=i.length;n=n.next;){var a=n.data,o=e>a.length?a.length:e;if(i+=o===a.length?a:a.slice(0,e),e- $=0,0===e){o===a.length?(++r,n.next?t.head=n.next:t.head=t.tail=null):(t.head=n,n.data=a.slice(o));break}++r{retur}$ n t.length-=r,i}function S(e,t){var n=M.allocUnsafe(e),r=t.head,i=1;for(r.data.copy(n),e-=r.data.length;r=r.next;){var a=r.data,o=e>a.length?a.length:e;if(a.copy(n,n.length-e,0,o),e- $=0,0===e){o===a.length?(++i,r.next?t.head=r.next:t.head=t.tail=null):(t.head=r,r.data=a.slice(o));break}++i}return$ t.length-=i,n}function j(e){var t=e. readableState;if(t.length>0)throw new Error("endReadable()" called on nonempty stream');t.endEmitted||(t.ended=!0,T(E,t,e))}function E(e,t){e.endEmitted||0!==e.length||(e.endEmitted=!0,t.readable=!1,t.emit("end"))}function O(e,t){for(var in the second n=0,r=e.length;n<r;n++)t(e[n],n)function k(e,t){for(var n=0,r=e.length;n<r;n++)if(e[n]===t)return n;return-1 }t.exports=a;var T=e("process-nextick-args"),C=e("isarray");a.ReadableState=i;var I,D=(e("events").EventEmitter,function(e,t){return e.listeners(t).length});!function(){try{I=e("stream")}catch(t){}finally{I||(I=e("events").EventEmitter)}}();var L=e("buffer").Buffer,M=e("buffer-shims"),R=e("core-util-is");R.inherits=e("inherits");var U=e("util"),P=void 0;P=U&&U.debuglog?U.debuglog("stream"):function(){};var q,B=e("./internal/streams/BufferList");R.inherits(a,I);var z,z;a.prototype.push=function(e,t){var n=this.\_readableState;return n.objectMode||"string"!=typeof  $e||(t=t||n.defaultEncoding,t!==n.encoding\&\&(e=M.from(e,t),t="")),o(this,n,e,t,!1)],a.prototype.unshift=function(e){$ var t=this.\_readableState;return o(this,t,e,"",!0)},a.prototype.isPaused=function(){return this.\_readableState.flowing===!1},a.prototype.setEncoding=function(t){return q||(q=e("string\_decoder/").StringDecoder),this.\_readableState.decoder=new q(t),this.\_readableState.encoding=t,this};var N=8388608;a.prototype.read=function(e){P("read",e),e=parseInt(e,10);var t=this\_readableState,n=e;if(0!==e&&(t.emittedReadable=!1),0===e&&t.needReadable&&(t.length>=t.highWater Mark||t.ended))return P("read: emitReadable",t.length,t.ended),0===t.length&&t.ended?j(this):h(this),null;if(e=u(e,t),0===e&&t.ended)return

 $0{=}{=}{=}t.length \& j(this), null; var r{=}t.needReadable; P("need readable", r), (0{=}{=}{=}t.length \|t.length{-}{=}{}{|t.length}| \|t.length{-}{=}{|t.length}| \|t.length{-}{=}{|t.length}| \|t.length{-}{=}{|t.length}| \|t.length{-}{=}{|t.length}| \|t.length{-}{=}{|t.length}| \|t.length{-}{=}{|t.length}| \|t.length{-}{=}{|t.length}| \|t.length{-}{=}{|t.length}| \|t.length{-}{|t.length}| \|t.length{-}$ 

e<t.highWaterMark)&&(r=!0,P("length less than watermark",r)),t.ended||t.reading?(r=!1,P("reading or ended",r)):r&&(P("do

=e,0===t.length&&(t.ended||(t.needReadable=!0),n!==e&&t.ended&&j(this)),null!==i&&this.emit("data",i),i},a.pr ototype.\_read=function(e){this.emit("error",new Error("not

```
implemented"))},a.prototype.pipe=function(e,t){function i(e){P("onunpipe"),e===h&&o()}function a(){P("onend"),e.end()}function
```

 $o() \{ P("cleanup"), e.removeListener("close", u), e.removeListener("finish", c), e.removeListener("drain", y), e.removeListener("end", a), h.removeListener("drain", y), e.removeListener("end", a), h.removeListener("end", a),$ 

 $n=e.write(t); !1!==n||b||((1===f.pipesCount\&\&f.pipes===e||f.pipesCount>1\&\&k(f.pipes,e)!==-1)\&\&!v\&\&(P("false write response, pause",h_readableState.awaitDrain),h_readableState.awaitDrain+,b=!0),h.pause()) } function \\ l(t){P("onerror",t),p(),e.removeListener("error",l),0===D(e,"error")\&\&e.emit("error",t)}function \\ l(t){P("onerror",t),p(),e.removeListener("error",l),0===D(e,"error")\&\&e.emit("error",t)}function \\ l(t){P("onerror",t),p(),e.removeListener("error",l),0===D(e,"error")\&\&e.emit("error",t)}function \\ l(t){P("onerror",t),p(),e.removeListener("error",l),0===D(e,"error")\&&e.emit("error",t)}function \\ l(t){P("onerror",t),p(),e.removeListener("error",l),0===D(e,"error")\&&e.emit("error",t)}function \\ l(t){P("onerror",t),p(),e.removeListener("error",l),0===D(e,"error")\&&e.emit("error",t)}function \\ l(t){P("onerror",t),p(),e.removeListener("error",l),0===D(e,"error")\&&e.emit("error",t)}function \\ l(t){P("onerror",t),p(),e.removeListener("error",t),0===D(e,"error")\&&e.emit("error",t)}function \\ l(t){P("onerror",t),p(),e.removeListener("error",t),0===D(e,"error")\&&e.emit("error",t)}function \\ l(t){P("onerror",t),p(),e.removeListener("error",t),0===D(e,"error")\&&e.emit("error",t)}function \\ l(t){P("onerror",t),p(),e.removeListener("error",t),0===D(e,"error")\&&e.emit("error",t)}function \\ l(t){P("onerror",t),p(),e.removeListener("error",t),0===D(e,"error")\&&e.emit("error",t)}function \\ l(t){P("onerror",t),p(),e.removeListener("error",t),p(),e.removeListener("error",t)}function \\ l(t){P("onerror",t),p(),e.removeListener("error",t),p(),e.removeListener("error",t),p(),e.removeListener("error",t),p(),e.removeListener("error",t),p(),e.removeListener("error",t),p(),e.removeListener("error",t),p(),e.removeListener("error",t),p(),e.removeListener("error",t),p(),e.removeListener("error",t),p(),e.removeListener("error",t),p(),e.removeListener("error",t),p(),e.removeListener("error",t),p(),e.removeListener("error",t),p(),e.removeListener("error",t),p(),e.removeListener("error",t),p(),e.removeListener("error",t),p(),e.remove$ 

u(){e.removeListener("finish",c),p()}function c(){P("onfinish"),e.removeListener("close",u),p()}function

p(){P("unpipe"),h.unpipe(e)}var h=this,f=this. readableState;switch(f.pipesCount){case 0:f.pipes=e;break;case

 $1:f.pipes=[f.pipes,e]; break; default:f.pipes.push(e) \\ f.pipesCount+=1, P("pipe count=%d opts=%j", f.pipesCount,t); var d=(!t||t.end!==!1) \\ \&e!==n.stdout \\ \&e!==n.stderr,m=d?a:o; f.endEmitted?T(m):h.once("end",m), e.on("unpipe",i); var r y=g(h); e.on("drain",y); var v=!1, b=!1; return$ 

 $\label{eq:hon} h.on("data",s),r(e,"error",l),e.once("close",u),e.once("finish",c),e.emit("pipe",h),f.flowing||(P("pipe resume"),h.resume()),e},a.prototype.unpipe=function(e){var t=this\_readableState;if(0===t.pipesCount)return this;if(1===t.pipesCount)return}$ 

e&&e!==t.pipes?this:(e||(e=t.pipes),t.pipes=null,t.pipesCount=0,t.flowing=!1,e&&e.emit("unpipe",this),this);if(!e){var n=t.pipes,r=t.pipesCount;t.pipes=null,t.pipesCount=0,t.flowing=!1;for(var

i=0;i<r;i++)n[i].emit("unpipe",this);return this}var a=k(t.pipes,e);return a===-

1?this:(t.pipes.splice(a,1),t.pipesCount-

=1,1===t.pipesCount&&(t.pipes=t.pipes[0]),e.emit("unpipe",this),this)},a.prototype.on=function(e,t){var n=I.prototype.on.call(this,e,t);if("data"===e)this.\_readableState.flowing!==!1&&this.resume();else if("readable"===e){var

 $\label{eq:readable} r=this\_readableState;r.endEmitted||r.readableListening||(r.readableListening=r.needReadable=!0,r.emittedReadable=!1,r.reading?r.length\&\&h(this,r):T(y,this))\}$  return

n},a.prototype.addListener=a.prototype.on,a.prototype.resume=function(){var e=this.\_readableState;return

 $e.flowing \| (P("resume"), e.flowing = !0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v(this, e)), this \}, a.prototype.pause = function() \{ return P("call pause = 0, v($ 

flowing=%j",this.\_readableState.flowing),!1!==this.\_readableState.flowing&&(P("pause"),this.\_readableState.flowing=!1,this.emit("pause")),this},a.prototype.wrap=function(e){var

 $t=this.\_readableState,n=!1,r=this;e.on("end",function(){if(P("wrapped end"),t.decoder\&\&!t.ended){var}} and the state of the state of$ 

e=t.decoder.end();e&&e.length&&r.push(e)}r.push(null)}),e.on("data",function(i){if(P("wrapped

data"),t.decoder&&(i=t.decoder.write(i)),(!t.objectMode||null!==i&&void

0!==i)&&(t.objectMode||i&&i.length)){var a=r.push(i);a||(n=!0,e.pause())}});for(var i in e)void

0===this[i]&&"function"==typeof e[i]&&(this[i]=function(t){return function(){return

e[t].apply(e,arguments)}}(i));var a=["error","close","destroy","pause","resume"];return

 $O(a, function(t) \{e.on(t, r.emit.bind(r,t))\}), r\_read=function(t) \{P("wrapped P(t)), r_read=function(t)\}$ 

\_read",t),n&&(n=!1,e.resume())},r},a.\_fromList=\_}).call(this,e("\_process"))},{"./\_stream\_duplex":44,"./internal/str eams/BufferList":49,\_process:42,buffer:5,"buffer-shims":4,"core-util-is":6,events:28,inherits:38,isarray:40,"processnextick-args":41,"string\_decoder/":56,util:3}],47:[function(e,t,n){"use strict";function

i(e,t,n)},this.needTransform=!1,this.transforming=!1,this.writecb=null,this.writechunk=null,this.writeencoding=null {function i(e,t,n){var r=e. transformState;r.transforming=!1;var i=r.writecb;if(!i)return e.emit("error",new Error("no writecb in Transform class"));r.writechunk=null,r.writecb=null,null!==n&&void 0!==n&&e.push(n),i(t);var a=e.\_readableState;a.reading=!1,(a.needReadable||a.length<a.highWaterMark)&&e.\_read(a.highWaterMark)}functi on a(e){if(!(this instanceof a))return new a(e);s.call(this,e),this.\_transformState=new r(this);var  $t=this;this.\_readableState.needReadable=!0,this.\_readableState.sync=!1,e\&\&("function"==typeof")$ e.transform&&(this. transform=e.transform),"function"==typeof e.flush&&(this.\_flush=e.flush)),this.once("prefinish",function(){"function"==typeof this.\_flush?this.\_flush(function(e){o(t,e)}):o(t)})function o(e,t){if(t)return e.emit("error",t);var n=e. writableState,r=e. transformState;if(n.length)throw new Error("Calling transform done when ws.length != 0");if(r.transforming)throw new Error("Calling transform done when still transforming");return e.push(null) {t.exports=a;var s=e("./\_stream\_duplex"),l=e("core-utilis");l.inherits=e("inherits"),l.inherits(a,s),a.prototype.push=function(e,t){return this\_transformState.needTransform=!1,s.prototype.push.call(this,e,t)},a.prototype.\_transform=function(e,t,n){throw new Error("Not implemented")},a.prototype.\_write=function(e,t,n){var r=this.\_transformState;if(r.writecb=n,r.writechunk=e,r.writeencoding=t,!r.transforming){var i=this.\_readableState;(r.needTransform||i.needReadable||i.length<i.highWaterMark)&&this.\_read(i.highWaterMark) }},a.prototype. read=function(e){var t=this. transformState;null!==t.writechunk&&t.writecb&&!t.transforming?(t.transforming=!0,this. transform(t.writ echunk,t.writeencoding,t.afterTransform)):t.needTransform=!0}},{"./\_stream\_duplex":44,"core-utilis":6,inherits:38],48:[function(e,t,n){(function(n){"use strict";function r(){}function i(e,t,n){this.chunk=e,this.encoding=t,this.callback=n,this.next=null}function a(t,n){C=C||e("./\_stream\_duplex"),t=t||{},this.objectMode=!!t.objectMode,n instanceof C&&(this.objectMode=this.objectMode||!!t.writableObjectMode);var WaterMark,this.needDrain=!1,this.ending=!1,this.ended=!1,this.finished=!1;var a=t.decodeStrings===!1;this.decodeStrings=!a,this.defaultEncoding=t.defaultEncoding||"utf8",this.length=0,this.wri ting=!1, this.corked=0, this.sync=!0, this.bufferProcessing=!1, this.onwrite=function(e){d(n,e)}, this.writecb=null, this. write len=0, this. buffered Request=null, this. last Buffered Request=null, this. prefinished=!1, this. error Euclidean erromitted=!1,this.bufferedRequestCount=0,this.corkedRequestsFree=new x(this)}function o(t){return C=C||e("./\_stream\_duplex"),this instanceof o||this instanceof C?(this.\_writableState=new a(t,this),this.writable=!0,t&&("function"==typeof t.write&&(this.\_write=t.write),"function"==typeof t.writev&&(this.\_writev=t.writev)),void E.call(this)):new o(t)}function s(e,t){var n=new Error("write after end");e.emit("error",n),A(t,n) function l(e,t,n,r) {var i=!0,a=!1;return null===n?a=new TypeError("May not write null values to stream"):k.isBuffer(n)||"string"==typeof n||void 0===n||t.objectMode||(a=new TypeError("Invalid nonstring/buffer chunk")),a&&(e.emit("error",a),A(r,a),i=!1),i}function u(e,t,n){return e.objectMode||e.decodeStrings===!1||"string"!=typeof t||(t=T.from(t,n)),t}function c(e,t,n,r,a){n=u(t,n,r), k.isBuffer(n)&&(r="buffer"); var o=t.objectMode?1:n.length; t.length+=o; var o=t.objectMode?1:n.length; t.length+=o; var o=t.objectMode?1:n.length; t.length+=o; var o=t.objectMode?1:n.length; t.length+=o; var o=t.objectMode?1:n.length; t.length=t.length=t.length; t.length=t.length; t.length=t.length=t.length; t.length=t.length; t.length=t.length=t.length; t.length=t.length=t.length; t.length=t.length=t.length; t.length=t.length=t.length; t.length=t.length; t.length=t.length; t.length=t.length=t.length; t.length=t.length=t.length; t.length=t.length; t.length=t.length=t.length=t.length; t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t.length=t. s=t.length<t.highWaterMark;if(s||(t.needDrain=!0),t.writing||t.corked){var l=t.lastBufferedRequest;t.lastBufferedRequest=new  $i(n,r,a),1?1.next=t.lastBufferedRequest:t.bufferedRequest=t.lastBufferedRequest,t.bufferedRequestCount+=1}else$ p(e,t,!1,o,n,r,a);return s}function p(e,t,n,r,i,a,o){t.writelen=r,t.writecb=o,t.writing=!0,t.sync=!0,n?e.\_writev(i,t.onwrite):e.\_write(i,a,t.onwrite),t.sync=!0,n?e.\_writev(i,t.onwrite):e.\_writev(i,t.onwrite),t.sync=!0,n?e.\_writev(i,t.onwrite):e.\_writev(i,t.onwrite),t.sync=!0,n?e.\_writev(i,t.onwrite):e.\_writev(i,t.onwrite),t.sync=!0,n?e.\_writev(i,t.onwrite):e.\_writev(i,t.onwrite),t.sync=!0,n?e.\_writev(i,t.onwrite):e.\_writev(i,t.onwrite),t.sync=!0,n?e.\_writev(i,t.onwrite):e.\_writev(i,t.onwrite),t.sync=!0,n?e.\_writev(i,t.onwrite):e.\_writev(i,t.onwrite),t.sync=!0,n?e.\_writev(i,t.onwrite):e.\_writev(i,t.onwrite),t.sync=!0,n?e.\_writev(i,t.onwrite):e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite):e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite):e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwrite);t.sync=!0,n?e.\_writev(i,t.onwritev(i,t.onwritev(i,t.onwritev(i,t.onwritev(i,t.onwritev(i,t.onwritev(i,t.onwritev(i,t.onwritev(i,t.onwritev(i,t.onwritev(i,t.onwritev(i,t.on 1 function h(e,t,n,r,i){--t.pendingcb,n?A(i,r):i(r),e.\_writableState.errorEmitted=!0,e.emit("error",r)} function f(e){e.writing=!1,e.writecb=null,e.length=e.writelen,e.writelen=0}function d(e,t){var} n=e.\_writableState,r=n.sync,i=n.writecb;if(f(n),t)h(e,n,r,t,i);else{var  $a=v(n); a||n.corked||n.bufferProcessing||!n.bufferedRequest||y(e,n), r?S(m,e,n,a,i):m(e,n,a,i) \} function and a standard standa$  $m(e,t,n,r){n||g(e,t),t.pendingcb--,r(),w(e,t)}$ function

g(e,t){0===t.length&&t.needDrain&&(t.needDrain=!1,e.emit("drain"))}function y(e,t){t.bufferProcessing=!0;var n=t.bufferedRequest;if(e.\_writev&&n&&n.next){var r=t.bufferedRequestCount,i=new

Array(r),a=t.corkedRequestsFree;a.entry=n;for(var

 $o=0;n;)i[o]=n,n=n.next,o+=1;p(e,t,!0,t.length,i,"",a.finish),t.pendingcb++,t.lastBufferedRequest=null,a.next?(t.corkedRequestsFree=a.next,a.next=null):t.corkedRequestsFree=new x(t)}else{for(;n;){var s=n.chunk,l=n.encoding,u=n.callback,c=t.objectMode?1:s.length;if(p(e,t,!1,c,s,l,u),n=n.next,t.writing)break;}null===n&&(t.lastBufferedRequest=null)}t.bufferedRequestCount=0,t.bufferedRequest=n,t.bufferProcessing=!1}function v(e){return e.ending&&0===e.length&&null===e.bufferedRequest&&!e.finished&&!e.writing}function b(e,t){t.prefinished=!0,e.emit("prefinish"))}function w(e,t){var n=v(t);return n&&(0===t.pendingcb?(b(e,t),t.finished=!0,e.emit("finish")):b(e,t)),n}function$ 

\_(e,t,n){t.ending=!0,w(e,t),n&&(t.finished?A(n):e.once("finish",n)),t.ended=!0,e.writable=!1}function x(e){var t=this;this.next=null,this.entry=null,this.finish=function(n){var r=t.entry;for(t.entry=null;r;){var i=r.callback;e.pendingcb--

,i(n),r=r.next}e.corkedRequestsFree?e.corkedRequestsFree.next=t:e.corkedRequestsFree=t}}t.exports=o;var A=e("process-nextick-args"),S=!n.browser&&["v0.10","v0.9."].indexOf(n.version.slice(0,5))>-

 $\label{eq:action} 1?setImmediate:A;o.WritableState=a;var j=e("core-util-is");j.inherits=e("inherits");var E,O={deprecate:e("util-deprecate")};!function(){try{E=e("stream")}catch(t){}finally{E||(E=e("events").EventEmitter)}}();var k=e("buffer").Buffer,T=e("buffer-shims");j.inherits(o,E);var C;a.prototype.getBuffer=function(){for(var buffer)};j.inherits(o,E);var buffer];j.inherits(o,E);var buffer];j$ 

e=this.bufferedRequest,t=[];e;)t.push(e),e=e.next;return

t},function(){try{Object.defineProperty(a.prototype,"buffer",{get:O.deprecate(function(){return this.getBuffer()},"\_writableState.buffer is deprecated. Use \_writableState.getBuffer instead.")})}catch(e){}}();var

C;o.prototype.pipe=function(){this.emit("error",new Error("Cannot pipe, not

 $readable")) \}, o. prototype. write=function(e,t,n) \{ var i=this._writableState,a=!1; return"function"==typeofection (e,t,n) \} (var i=this._writableState,a=!1; return"function"=typeofection (e,t,n) \} (var i=this._writableState,a=!1; return"function"function"function (e,t,n) \} (var i=this._writableState,a=!1; return"function (e,t,n) \} (var i=this._writableState,a=!1; return"fu$ 

t&&(n=t,t=null), k.isBuffer(e)?t="buffer":t||(t=i.defaultEncoding), "function"!=typeofile(t), terms and terms and

 $n\&\&(n=r), i.ended?s(this, n):l(this, i, e, n)\&\&(i.pendingcb++, a=c(this, i, e, t, n)), a\}, o.prototype.cork=function(){var e=this._writableState; e.corked++}, o.prototype.uncork=function(){var e=this._writableState; e.corked&&(e.corked--, e.writing||e.corked||e.finished||e.bufferProcessing||!e.bufferedRequest||y(this, e))}, o.prototype.setDefaultEncoding=function(e){if("string"==typeof e&&(e=e.toLowerCase()),!(["hex","utf8","utf--"),"utf8","utf--"), a)}$ 

8","ascii","binary","base64","ucs2","ucs-2","utf16le","utf-16le","raw"].indexOf((e+"").toLowerCase())>-1))throw new TypeError("Unknown encoding: "+e);return

 $this.\_writableState.defaultEncoding=e, this \}, o. prototype.\_write=function(e,t,n) \{n(new \ Error("not \ New \ New\ \ New \ New \ New \ New \$ 

implemented"))},o.prototype.\_writev=null,o.prototype.end=function(e,t,n){var

r=this.\_writableState;"function"==typeof e?(n=e,e=null,t=null):"function"==typeof

t&&(n=t,t=null),null!==e&&void

 $0! == e\& \\ this.write(e,t), r.corked\& \\ (r.corked=1, this.uncork()), r.ending||r.finished||_(this,r,n) \} ).call(this,e("_process=0)), \\ ("./_stream_duplex":44,_process:42, buffer:5, "buffer-shims":4, "core-util-is":6, events:28, inherits:38, "process=0) ). \\ ("./_stream_duplex":44,_process:42, buffer:5, "buffer-shims":4, "core-util-is":6, events:28, inherits:38, "process=0) ). \\ ("./_stream_duplex":44,_process:42, buffer:5, "buffer-shims":4, "core-util-is":6, events:28, inherits:38, "process=0) ). \\ ("./_stream_duplex":44,_process:42, buffer:5, "buffer-shims":4, "core-util-is":6, events:28, inherits:38, "process=0) ). \\ ("./_stream_duplex":44,_process:42, buffer:5, "buffer-shims":4, "core-util-is":6, events:28, inherits:38, "process=0) ). \\ ("./_stream_duplex":44,_process:42, buffer:5, "buffer-shims":4, "core-util-is":6, events:28, inherits:38, "process=0) ). \\ ("./_stream_duplex":44,_process:42, buffer:5, "buffer-shims":4, "core-util-is":6, events:28, inherits:38, "process=0) ). \\ ("./_stream_duplex":44,_process:42, buffer-shims":4, "core-util-is":6, events:28, "process=0) ). \\ ("./_stream_duplex":44,_process:42, buffer-shims":44, "process=0) ). \\ ("./_stream_duplex":44,_process:42, buffer-shims":44, "process=0) ). \\ ("./_stream_duplex":44,_process=0) ). \\ ("./_stream_duplex":44,_proces=0) ). \\ ("./_stream_duplex":44,_proces=0) ). \\ ("./_stream_duplex":44,_proces=0) ). \\ ("./_stre$ 

r(){this.head=null,this.tail=null,this.length=0}var i=(e("buffer").Buffer,e("buffer-

shims"));t.exports=r,r.prototype.push=function(e){var

 $t = \{ data:e,next:null \}; this.length > 0? this.tail.next=t: this.head=t, this.tail=t, ++ this.length \}, r.prototype.unshift=function(e) \{ var = 0 \}$ 

 $t = \{ data:e, next: this.head \}; 0 == this.length \& (this.tail=t), this.head=t, ++this.length \}, r. prototype.shift=function() \{ if (0 != this.length) \} var e=this.head.data; return 1 == this.length? this.head=this.tail=null: this.head=this.head.next, --$ 

 $\label{eq:constraint} this.length, e \} , r. prototype.clear=function() \{ this.head=this.tail=null, this.length=0 \}, r. prototype.join=function(e) \{ if(0 ===this.length) return'''; for(var t=this.head, n='''+t.data; t=t.next;) n+=e+t.data; return \\ \end{tabular}$ 

 $n\}, r. prototype.concat=function(e) \{ if (0===this.length) return \ i. alloc(0); if (1===this.length) return \ i. alloc(0); if (1==this.length) return \ i. alloc(0); if (1==this.length)$ 

 $this.head.data; for (var t=\!i.allocUnsafe(e\!\!>\!\!>\!\!0), n=\!this.head, r=\!0; n;) n.data.copy(t,r), r+\!=\!n.data.length, n=\!n.next; return and the set of th$ 

t}},{buffer:5,"buffer-

shims":4}],50:[function(e,t,n){t.exports=e("./lib/\_stream\_passthrough.js")},{"./lib/\_stream\_passthrough.js":45}],51: [function(e,t,n){(function(r){var i=function(){try{return}}}

e("stream")}catch(t){}}();n=t.exports=e("./lib/\_stream\_readable.js"),n.Stream=i||n,n.Readable=n,n.Writable=e("./lib/\_stream\_writable.js"),n.Duplex=e("./lib/\_stream\_duplex.js"),n.Transform=e("./lib/\_stream\_transform.js"),n.PassThr ough=e("./lib/\_stream\_passthrough.js"),!r.browser&&"disable"===r.env.READABLE\_STREAM&&i&&(t.exports =i)}).call(this,e("\_process"))},{"./lib/\_stream\_duplex.js":44,"./lib/\_stream\_passthrough.js":45,"./lib/\_stream\_readabl e.js":46,"./lib/\_stream\_transform.js":47,"./lib/\_stream\_writable.js":48,\_process:42}],52:[function(e,t,n){t.exports=e("./lib/\_stream\_transform.js")},{"./lib/\_stream\_transform.js":47}],53:[function(e,t,n){t.exports=e("./lib/\_stream\_writable.js")},{"./lib/\_stream\_writable.js":48}],54:[function(e,t,n){t.exports=function(e){return e.replace(/[-

i=e("events").EventEmitter,a=e("inherits");a(r,i),r.Readable=e("readable-

stream/readable.js"),r.Writable=e("readable-stream/writable.js"),r.Duplex=e("readable-

stream/duplex.js"),r.Transform=e("readable-stream/transform.js"),r.PassThrough=e("readable-

 $stream/passthrough.js"), r. Stream=r, r. prototype.pipe=function(e,t) \{function(e,t), function(e,t), function$ 

n(t){e.writable&&!1===e.write(t)&&u.pause&&u.pause()}function

 $r() \{u.readable\&\&u.resume\&\&u.resume()\} function a() \{c || (c=!0,e.end())\} function o() \{c || (c=!0,"function"==typeof e.destroy&&e.destroy())\} function s(e) \{if(l(),0===i.listenerCount(this,"error")) throw e\} function s(e) \{if(l(),0==i.listenerCount(this,"error")) throw e\} function s(e) \{if(l(),0==i.listenerCount(this,"error")) throw e\} function s(e) \{if(l(),0==i.listenerCount(this,"error")) throw e\} function s(e) \{if(l(),0==i.listenerCount(throw error")) throw e\} function s(e) \{if(l(),0==i.listenerCount(throw error")) throw e\} function s(e) \{if(l(),0==i.listenerCount(throw error")) throw error") throw error" throw error" throw error" throw error" throw error") throw error" throw error") throw error" throw error") thr$ 

l(){u.removeListener("data",n),e.removeListener("drain",r),u.removeListener("end",a),u.removeListener("close",o), u.removeListener("error",s),e.removeListener("error",s),u.removeListener("end",l),u.removeListener("close",l),e.re moveListener("close",l)}var

 $u=this; u.on("data",n), e.on("drain",r), e._isStdio||t\&\&t.end===!1||(u.on("end",a), u.on("close",o)); var c=!1; return u.on("error",s), e.on("error",s), u.on("end",l), u.on("close",l), e.on("close",l), e.emit("pipe",u), e\}, {events:28, inherits:38, "readable-stream/duplex.js":43, "readable-stream/passthrough.js":50, "readable-stream/readable.js":51, "readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-stream/readable-st$ 

stream/transform.js":52,"readable-stream/writable.js":53}],56:[function(e,t,n){function r(e){if(e&&!l(e))throw new Error("Unknown encoding: "+e)}function i(e){return e.toString(this.encoding)}function

a(e){this.charReceived=e.length%2,this.charLength=this.charReceived?2:0}function

o(e){this.charReceived=e.length%3,this.charLength=this.charReceived?3:0}var

 $s=e("buffer").Buffer,l=s.isEncoding||function(e) \{ switch(e\&\&e.toLowerCase()) \{ case"hex":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"utf8":case"ut$ 

8":case"ascii":case"binary":case"base64":case"ucs2":case"ucs-2":case"utf16le":case"utf-

 $16le": case"raw": return !0; default: return !1 \} \}, u=n. String Decoder=function (e) \{ switch (this.encoding=(e||"utf8"). to Low erCase(). replace(/[-witch content of the content of t$ 

\_]/,""),r(e),this.encoding){case"utf8":this.surrogateSize=3;break;case"ucs2":case"utf16le":this.surrogateSize=2,this. detectIncompleteChar=a;break;case"base64":this.surrogateSize=3,this.detectIncompleteChar=o;break;default:return void(this.write=i)}this.charBuffer=new

 $s(6), this.charReceived=0, this.charLength=0\}; u.prototype.write=function(e) \{ for(var t=""; this.charLength;) \{ var n=e.length>=this.charLength-this.charReceived?this.charLength-$ 

 $\label{eq:charge} this.charReceived.on, this.charReceived, on, this.charReceived, on, this.charReceived += n, this.charRecei$ 

 $1); if (!(r >= 55296 \& r <= 56319)) \{ if (this.charReceived = this.charLength = 0, 0 == e.length) return = 0, 0 == e.length) return = 0, 0 == e.length return = 0, 0 == e.le$ 

t;break}this.charLength+=this.surrogateSize,t=""}this.detectIncompleteChar(e);var

=this.charReceived),t+=e.toString(this.encoding,0,i);var i=t.length-

 $1, r=t.charCodeAt(i); if (r>=55296\&\&r<=56319) \{var \ a=this.surrogateSize; return \ a=this.$ 

 $this.charLength+=a, this.charReceived+=a, this.charBuffer.copy(this.charBuffer,a,0,a), e.copy(this.charBuffer,0,0,a), t. substring(0,i) \return t \, u.prototype.detectIncompleteChar=function(e) \for(var t=e.length>=3?3:e.length;t>0;t--) \var n=e[e.length-$ 

 $t]; if (1 == t\&\&n >> 5 == 6) \{this.charLength = 2; break \} if (t <= 2\&\&n >> 4 == 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if (t <= 3\&\&n >> 3 = 14) \{this.charLength = 3; break \} if ($ 

==30){this.charLength=4;break}}this.charReceived=t},u.prototype.end=function(e){var t="";if(e&&e.length&&(t=this.write(e)),this.charReceived){var n=this.charReceived,r=this.charBuffer,i=this.encoding;t+=r.slice(0,n).toString(i)}return t}},{buffer:5}],57:[function(e,t,n){(function(e){function n(e,t){function n(){if(!i){if(r("throwDeprecation"))throw new Error(t);r("traceDeprecation")?console.trace(t):console.warn(t),i=!0}return e.apply(this,arguments)}if(r("noDeprecation"))return e;var i=!1;return n}function r(t){try{if(!e.localStorage)return!1}catch(n){return!1}var r=e.localStorage[t];return null!=r&&"true"===String(r).toLowerCase()}t.exports=n}).call(this,"undefined"!=typeof global?global:"undefined"!=typeof self?self:"undefined"!=typeof window? $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ ,  $\{\}$ n=arguments[t];for(var r in n)i.call(n,r)&&(e[r]=n[r])}return e}t.exports=r;var i=Object.prototype.hasOwnProperty }, { } ] }, { }, [1])(1) }), function(e) { if ("object"==typeof exports&&"undefined"!=typeof module)module.exports=e();else if("function"==typeof define&&define.amd)define([],e);else{var t;t="undefined"!=typeof window?window:"undefined"!=typeof global?global:"undefined"!=typeof self?self:this,t.SwaggerClient=e()} {(function(){var t;return function n(e,t,r){function i(o,s){if(!t[o])}{if(!e[o])}var l="function"==typeof require&&require;if(!s&&l)return l(o,!0);if(a)return a(o,!0);var u=new Error("Cannot find module "'+o+"'");throw u.code="MODULE NOT FOUND",u}var c=t[o]={exports:{}};e[o][0].call(c.exports,function(t){var n=e[o][1][t];return i(n?n:t),c,c.exports,n,e,t,r)}return t[o].exports}for(var a="function"==typeof require&&require,o=0;o<r.length;o++)i(r[o]);return i}({1:[function(e,t,n){"use strict";var r=e("./lib/auth"),i=e("./lib/helpers"),a=e("./lib/client"),o=function(e,t){return i.log("This is deprecated, use "new SwaggerClient" instead.'),new a(e,t)};Array.prototype.indexOf||(Array.prototype.indexOf=function(e,t){for(var n=t||0,r=this.length;n<r;n++)if(this[n]===e)return n;return-1}),String.prototype.trim||(String.prototype.trim=function(){return this.replace(/^\s+|\s+\$/g,"")}),String.prototype.endsWith||(String.prototype.endsWith=function(e){return this.indexOf(e,this.length-e.length)!==-1}),t.exports=a,a.ApiKeyAuthorization=r.ApiKeyAuthorization,a.PasswordAuthorization=r.PasswordAuthorization, a. CookieAuthorization = r. CookieAuthorization, a. SwaggerApi = o, a. SwaggerClient = o, a. SchemaMarkup = e("./lib/schemaMarkup = e(".lib/schemaMarkup = e(".lib/schemaMarkma-markup")},{"./lib/auth":2,"./lib/client":3,"./lib/helpers":4,"./lib/schema-markup":7}],2:[function(e,t,n){"use strict";var r=e("./helpers"),i=e("btoa"),a=e("cookiejar").CookieJar,o={each:e("lodashcompat/collection/each"),includes:e("lodash-compat/collection/includes"),isObject:e("lodashcompat/lang/isObject"), isArray:e("lodashcompat/lang/isArray"), s=t.exports.SwaggerAuthorizations=function(e){this.authz=e||{}}; s.prototype.add=function( e,t){if(o.isObject(e))for(var n in e)this.authz[n]=e[n];else"string"==typeof e&&(this.authz[e]=t);return t},s.prototype.remove=function(e){return delete this.authz[e]},s.prototype.apply=function(e,t){var  $n=!0,r=!t,i=[],a=e.clientAuthorizations||this.authz;return o.each(t,function(e,t){"string"==typeof"})$  $t\&\&i.push(t), o.each(e, function(e, t)\{i.push(t)\})\}), o.each(a, function(t, a)\{if(r || o.includes(i, a))\{var(t, a), var(t, a)\}\})$ s=t.apply(e);n=n&&!!s}}),n};var  $l=t.exports.ApiKeyAuthorization=function(e,t,n){this.name=e,this.value=t,this.type=n}; l.prototype.apply=function($ e){if("query"===this.type){var t;if(e.url.indexOf("?")>0){t=e.url.substring(e.url.indexOf("?")+1);var  $n=t.split("\&");if(n\&\&n.length>0)for(var r=0;r<n.length;r++){var}$  $i=n[r].split("=");if(i\&\&i.length>0\&\&i[0]===this.name)return!1}$  return e.url.indexOf("?")>0?e.url=e.url+"&"+this.name+"="+this.value:e.url=e.url+"?"+this.name+"="+this.value,!0}if("h eader"===this.type)return"undefined"==typeof e.headers[this.name]&&(e.headers[this.name]=this.value),!0};var u=t.exports.CookieAuthorization=function(e){this.cookie=e};u.prototype.apply=function(e){return e.cookieJar=e.cookieJar||new a,e.cookieJar.setCookie(this.cookie),!0};var  $c=t.exports.PasswordAuthorization=function(e,t){3===arguments.length\&\&(r.log("PasswordAuthorization: the$ 'name' argument has been removed, pass only username and

password"),e=arguments[1],t=arguments[2]),this.username=e,this.password=t};c.prototype.apply=function(e){retur n"undefined"==typeof e.headers.Authorization&&(e.headers.Authorization="Basic

"+i(this.username+":"+this.password)),!0}},{"./helpers":4,btoa:13,cookiejar:18,"lodash-

compat/collection/each":52,"lodash-compat/collection/includes":55,"lodash-compat/lang/isArray":140,"lodash-

compat/lang/isObject":144}],3:[function(e,t,n){"use strict";var r={bind:e("lodash-

compat/function/bind"),cloneDeep:e("lodash-compat/lang/cloneDeep"),find:e("lodash-

compat/collection/find"),forEach:e("lodash-compat/collection/forEach"),indexOf:e("lodash-

compat/array/indexOf"), isArray: e("lodash-compat/lang/isArray"), isObject: e("lodash-

compat/lang/isObject"), isFunction:e("lodash-compat/lang/isFunction"), isPlainObject:e("lodash-

compat/lang/isPlainObject"), isUndefined: e("lodash-

compat/lang/isUndefined")},i=e("./auth"),a=e("./helpers"),o=e("./types/model"),s=e("./types/operation"),l=e("./types/operationGroup"),u=e("./resolver"),c=e("./http"),p=e("./spec-

converter"),h=e("q"),f=["apis","authorizationScheme","authorizations","basePath","build","buildFrom1\_1Spec","bu ildFrom1\_2Spec","buildFromSpec","clientAuthorizations","convertInfo","debug","defaultErrorCallback","defaultSu ccessCallback","enableCookies","fail","failure","finish","help","host","idFromOp","info","initialize","isBuilt","isVa lid","modelPropertyMacro","models","modelsArray","options","parameterMacro","parseUri","progress","resourceC ount","sampleModels","selfReflect","setConsolidatedModels","spec","supportedSubmitMethods","swaggerRequest Headers","tagFromLabel","title","url","useJQuery","jqueryAjaxCache"],d=["apis","asCurl","description","externalD ocs","help","label","name","operation","operations","operationsArray","path","tag"],m=["delete","get","head","opti ons","patch","post","put"],g=t.exports=function(e,t){return

this.authorizations=null,this.authorizationScheme=null,this.basePath=null,this.debug=!1,this.enableCookies=!1,this. info=null,this.isBuilt=!1,this.isValid=!1,this.modelsArray=[],this.resourceCount=0,this.url=null,this.useJQuery=!1,t his.jqueryAjaxCache=!1,this.swaggerObject={},this.deferredClient=void 0,this.clientAuthorizations=new i.SwaggerAuthorizations,"undefined"!=typeof

 $e?this.initialize(e,t):this}; g.prototype.initialize=function(e,t){if(this.models={},this.sampleModels={},"string"==typeofe?this.url=e:r.isObject(e)&&(t=e,this.url=t.url), this.url&&this.url.indexOf("http:")===-$ 

1&&this.url.indexOf("https:")===-1&&"undefined"!=typeof

 $window \& window. location \& (this.url=window. location. origin+this.url), t=t \| \{ \}, this.client Authorization ns.add(t.authorizations), this.swaggerRequestHeaders=t.swaggerRequestHeaders \| "application/json; charset=utf-interval and the state of the$ 

$$\label{eq:spectrum} \begin{split} & 8,*/*", this.defaultSuccessCallback=t.defaultSuccessCallback||null, this.defaultErrorCallback=t.defaultErrorCallback|| \\ & null, this.modelPropertyMacro=t.modelPropertyMacro||null, this.connectionAgent=t.connectionAgent||null, this.parameterMacro=t.parameterMacro||null, this.usePromise=t.usePromise||null, this.timeout=t.timeout||null, this.fetchSpecTimeout="undefined"!=typeof" \\ & eout="undefined"!=typeof" \\ & eout=tropertyMacro=t.parameterMacro||null, this.timeout=t.timeout||null, this.fetchSpecTimeout=t.timeout||null, this.tethSpecTimeout=t.timeout||null, this.tethSpecTimeout=t.timeout||null, this.tethSpecTimeout=t.timeout||null, this.tethSpecTimeout=t.timeout||null, this.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethSpecTimeout=t.tethS$$

t.fetchSpecTimeout?t.fetchSpecTimeout:t.timeout||null,this.usePromise&&(this.deferredClient=h.defer()),"function"==typeof

 $t.success\& (this.success=t.success), t.useJQuery\& (this.useJQuery=t.useJQuery), t.jqueryAjaxCache\& (this.jqueryAjaxCache), t.enableCookies \& (this.enableCookies=t.enableCookies), this.options=t|| { }, this.options.timeout=this.timeout, this.options.fetchSpecTimeout=this.fetchSpecTimeout, this.supportedSubmitMethods=t.supportedSubmitMethods=t.supportedSubmitMethods||[], this.failure=t.failure||function(e) { throw } the text of te$ 

e},this.progress=t.progress||function(){},this.spec=r.cloneDeep(t.spec),t.scheme&&(this.scheme=t.scheme),this.use Promise||"function"==typeof t.success)return

 $this.ready = !0, this.build() \}, g. prototype.build = function(e) \{ if (this.isBuilt) return this; var is the state of t$ 

t=this;this.spec?this.progress("fetching resource list; Please wait."):this.progress("fetching resource list: "+this.url+"; Please wait.");var

 $n=\{useJQuery:this.useJQuery,jqueryAjaxCache:this.jqueryAjaxCache,connectionAgent:this.connectionAgent,enable eCookies:this.enableCookies,url:this.url,method:"get",headers:{accept:this.swaggerRequestHeaders},on:{error:funct}ion(e){return"http"!==t.url.substring(0,4)?t.fail("Please specify the protocol for})$ 

"+t.url):!e.errObj||"ECONNABORTED"!==e.errObj.code&&e.errObj.message.indexOf("timeout")===-

1?0===e.status?t.fail("Can't read from server. It may not have the appropriate access-control-origin

settings."):404===e.status?t.fail("Can't read swagger JSON from "+t.url):t.fail(e.status+" : "+e.statusText+"

"+t.url):t.fail("Request timed out after "+t.fetchSpecTimeout+"ms")},response:function(e){var n=e.obj;if(!n)return t.fail("failed to parse JSON/YAML

response");if(t.swaggerVersion=n.swaggerVersion,t.swaggerObject=n,n.swagger&&2===parseInt(n.swagger))t.swa ggerVersion=n.swagger,(new u).resolve(n,t.url,t.buildFromSpec,t),t.isValid=!0;else{var r=new

p;t.oldSwaggerObject=t.swaggerObject,r.setDocumentationLocation(t.url),r.convert(n,t.clientAuthorizations,t.option s,function(e){t.swaggerObject=e,(new

u).resolve(e,t.url,t.buildFromSpec,t),t.isValid=!0})}}};if(this.fetchSpecTimeout&&(n.timeout=this.fetchSpecTime out),this.spec)t.swaggerObject=this.spec,setTimeout(function(){(new

u).resolve(t.spec,t.url,t.buildFromSpec,t)},10);else{if(this.clientAuthorizations.apply(n),e)return n;(new c).execute(n,this.options)}return

 $\label{eq:constraint} this.usePromise?this.deferredClient.promise:this}, g.prototype.buildFromSpec=function(e) { if (this.isBuilt) return this; this.apis={ }, this.apisArray=[], this.basePath=e.basePath||"", this.consumes=e.consumes, this.host=e.host||"", this.in fo=e.info|| { }, this.produces=e.produces, this.schemes=e.schemes||[], this.securityDefinitions=r.cloneDeep(e.securityD efinitions), this.security=e.security, this.title=e.title||""; var$ 

 $t,n,i,u,c=\{\},p=this; if (e.externalDocs\&\&(this.externalDocs=e.externalDocs), this.authSchemes=this.securityDefinition ns, this.securityDefinitions) for (t in this.securityDefinitions) {var}$ 

 $h=this.securityDefinitions[t];h.vendorExtensions={};for(var g in h)if(a.extractExtensions(g,h),"scopes"===g){var y=h[g];if("object"==typeof y){y.vendorExtensions={};for(var v in y)a.extractExtensions(v,y),0===v.indexOf("x-")&&delete y[v]}}if(Array.isArray(e.tags))for(c={},n=0;n<e.tags.length;n++){var}$ 

b=r.cloneDeep(e.tags[n]);c[b.name]=b;for(u in b){if("externalDocs"===u&&"object"==typeof b[u])for(var w in b[u])a.extractExtensions(w,b[u]);a.extractExtensions(u,b)}if("string"==typeof

this.url){if(i=this.parseUri(this.url),"undefined"==typeof this.scheme&&"undefined"==typeof

this.schemes||0===this.schemes.length)"undefined"!=typeof

window?this.scheme=window.location.protocol.replace(":",""):this.scheme=i.scheme||"http";else

if("undefined"!=typeof window&&0===window.location.protocol.indexOf("chrome-

extension"))this.scheme=i.scheme;else if("undefined"==typeof this.scheme)if("undefined"!=typeof window){var \_=window.location.protocol.replace(":","");"https"===\_&&this.schemes.indexOf(\_)===-1?(a.log("Cannot call a http server from https inside a browser!"),this.scheme="http"):this.schemes.indexOf(\_)!==-

1?this.scheme=\_:this.schemes.indexOf("https")!==-1?this.scheme="https":this.scheme="http"}else

 $this.scheme=this.schemes [0] \| i.scheme; "undefined" != type of$ 

this.host&&""!==this.host||(this.host=i.host,i.port&&(this.host=this.host+":"+i.port))}else"undefined"==typeof this.schemes.length?this.scheme="http":"undefined"==typeof

 $i=e[n]; if (!r.isUndefined(i)) \{ if (!r.isPlainObject(i)) return void a.log("The '''+n+"' operation for '''+t+"' path is not an Operation Object"); var o=i.tags; !r.isUndefined(o) & r.isArray(o) & 0!==o.length ||(o=i.tags=["default"]); var h=p.idFromOp(t,n,i), m=new$ 

s(p,i.scheme,h,n,t,i,p.definitions,p.models,p.clientAuthorizations);m.connectionAgent=p.connectionAgent,m.vendor Extensions={};for(u in

i)a.extractExtensions(u,m,i[u]);if(m.externalDocs=i.externalDocs,m.externalDocs){m.externalDocs=r.cloneDeep(m. externalDocs),m.externalDocs.vendorExtensions={};for(u in

 $m.externalDocs) a.extractExtensions(u,m.externalDocs) \} r.forEach(o,function(e) \{var \ t=r.indexOf(f,e) > - (var \ t=r.indexOf(f,e) > - (var$ 

 $1?"_"+e:e,n=r.indexOf(d,e)>-1?"_"+e:e,i=p[t];if(t!==e\&\&a.log("The ""+e+"" tag conflicts with a SwaggerClient function/property name. Use 'client."+t+"' or 'client.apis."+e+"' instead of 'client."+e+"'."),n!==e\&\&a.log("The ""+e+"' tag conflicts with a SwaggerClient operation function/property name. Use 'client.apis."+n+"' instead of 'client."+e+"' tag conflicts with a SwaggerClient operation function/property name. Use 'client.apis."+n+"' instead of 'client."+e+"' instead of 'clie$ 

'client.apis."+e+"'."),r.indexOf(d,h)>-1&&(a.log("The "'+h+"' operationId conflicts with a SwaggerClient operation function/property name. Use 'client.apis."+n+".\_"+h+"' instead of

'client.apis."+n+"."+h+"'."),h="\_"+h,m.nickname=h),r.isUndefined(i)){i=p[t]=p.apis[n]={},i.operations={},i.label=n ,i.apis={};var

 $o=c[e]; r.isUndefined(o) \| (i.description=o.description, i.externalDocs=o.externalDocs, i.vendorExtensions=o.vendorExtensions), p[t].help=r.bind(p.help, i), p.apisArray.push(new tensions), p[t].help=r.bind(p.help, i), p[t].help=r.bind(p.help, i), p[t].help=r.bind(p.help, i), p[t].help=r.bind(p.help, i), p[t].help=r.bind(p.help, i), p[$ 

 $l(e, i. description, i. external Docs, m)) \} h = p. make Unique Operation Id(h, p. apis[n]), r. is Function(i. help) ||(i. help=r. bind(p. help, i)), p. apis[n][h] = i[h] = r. bind(m. execute, m), p. apis[n][h]. help=i[h]. help=r. bind(m. help, m), p. apis[n][h]. as Curl=i[h].$ 

asCurl=r.bind(m.asCurl,m),i.apis[h]=i.operations[h]=m;var s=r.find(p.apisArray,function(t){return

 $n=p.apisArray[t];n\&\&e==n.name\&\&(A.push(n),p.apisArray[t]=null)\}),r.forEach(p.apisArray,function(e){e\&\&A .push(e)}),p.apisArray=A,r.forEach(e.definitions,function(e,t){e.id=t.toLowerCase(),e.name=t,p.modelsArray.push(e)}),this.isBuilt=!0,this.usePromise?(this.isValid=!0,this.isBuilt=!0,this.deferredClient.resolve(this),this.deferredClient.promise):(this.success&&this.success(),this)},g.prototype.makeUniqueOperationId=function(e,t){for(var n=0,i=e;;)}var a=!1;if(r.forEach(t.operations,function(e){e.nickname===i&&(a=!0)}),!a)return$ 

i;i=e+"\_"+n,n++}return e},g.prototype.parseUri=function(e){var

 $t = /^(((([^: \forall \# ?] + :)?(?: (\forall \vee))((?: (([^: @ \lor \# ?] +)(?: :([^: @ \lor \# ?] +))?)@)?(([^: \lor \# ?] + |)[] + ||[[^/ ] @ \#?] + |])(?: |:([^- : @ \lor \# ?] +))?)@)?(([^- : \forall \# ?] + |)[] + ||[[^/ ] @ \#?] + |])(?: |:([^- : @ \lor \# ?] +))?)@)?(([^- : \forall \# ?] + |)[] + ||[[^/ ] @ \#?] + |])(?: |:([^- : @ \lor \# ?] +))?)@)?(([^- : \forall \# ?] + |)[] + ||[[^/ ] @ \#?] + |])(?: |:([^- : @ \lor \# ?] +))?)@)?(([^- : \forall \# ?] + |)[] + ||[[^/ ] @ \#?] + |])(?: |:([^- : @ \lor \# ?] +))?)@)?(([^- : \forall \# ?] + |)[] + ||[[^/ ] @ \#?] + |])(?: |:([^- : @ \lor \# ?] +))?)@)?(([^- : \forall \# ?] + |)[] + ||[[^- ] [ @ \lor \# ?] + |])(?: |:([^- : @ \lor \# ?] +))?)@)?(([^- : \forall \# ?] + |)[] + ||[[^- ] [ @ \lor \# ?] + |])(?: |:([^- : @ \lor \# ?] +))?)@)?(([^- : \forall \# ?] + |)[] + ||[[^- ] [ @ \# ?] + |])(?: |:([^- : @ \lor \# ?] +))?)@)?(([^- : \forall \# ?] + |)[] + ||[[^- ] [ @ \lor \# ?] + |])(?: |:([^- : @ \lor \# ?] +))?)@)?(([^- : \forall \# ?] +))?)@)?)@)?(([^- : \forall \# ?] +))?)@)?(([^- : \forall \# ?] +))?)@)?)@)?(([^- : \forall \# ?] +))?)@)?)@)?)$ )

 $9]+))?))?)?((\?(?:[^{+}]+)))([^{2}]))?((?[^{#}]+)?)(#.*)?/,n=t.exec(e);return{scheme:n[4]?n[4].replace(":",""): (...,...,...))?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,...)?(...,..$ 

void 0,host:n[11],port:n[12],path:n[15]}},g.prototype.help=function(e){var t="";return this instanceof

g?r.forEach(this.apis,function(e,n){r.isPlainObject(e)&&(t+="operations for the "'+n+"'

 $tag\n",r.forEach(e.operations,function(e,n){t+=" * "+n+": "+e.summary+"\n"}))}):(this instance of the standard standar$ 

 $l \| r.isPlainObject(this)) \& \& (t + = "operations for the ""+this.label+"" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+"" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forEach(this.apis, function(e,n) \t + = " * label+" tag \n", r.forE$ 

"+n+": "+e.summary+" $\$ )),e?t:(a.log(t),t)},g.prototype.tagFromLabel=function(e){return}

 $e\},g.prototype.idFromOp=function(e,t,n){n&&n.operationId||(n=n||{},n.operationId=t+"_"+e);var}$ 

 $r=n.operationId.replace(/[\s!@#$%^&*()_+=\[{\]};:<>|.\/?,\\''''-]/g,"_')||e.substring(1)+"_"+t;return$ 

 $r=r.replace(/((_){2,})/g,"_"),r=r.replace(/^(_)*/g,""),r=r.replace(/([_])*$/g,"")},g.prototype.setHost=function(e){this. host=e,this.apis&&r.forEach(this.apis,function(t){t.operations&&r.forEach(t.operations,function(t){t.host=e})})},g. prototype.setBasePath=function(e){this.basePath=e,this.apis&&r.forEach(this.apis,function(t){t.operations&&r.forEach(this.apis,function(t){t.operations&&r.forEach(this.apis,function(t){t.operations&&r.forEach(this.apis,function(t){t.operations&&r.forEach(this.apis,function(t){t.operations&&r.forEach(this.apis,function(t){t.operations&&r.forEach(this.apis,function(t){t.operations&&r.forEach(t.operations,function(t){t.scheme=e[0]})},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.prototype.fail=function(e){return},g.p$ 

this.usePromise?(this.deferredClient.reject(e),this.deferredClient.promise):void(this.failure?this.failure(e):this.failure(e))}},{"./auth":2,"./helpers":4,"./http":5,"./resolver":6,"./spec-

converter":8,"./types/model":9,"./types/operation":10,"./types/operationGroup":11,"lodash-

 $compat/array/indexOf":49,"lodash-compat/collection/find":53,"lodash-compat/collection/forEach":54,"lodash-compat/function/bind":58,"lodash-compat/lang/cloneDeep":138,"lodash-compat/lang/isArray":140,"lodash-compat/lang/isFunction":142,"lodash-compat/lang/isObject":144,"lodash-compat/lang/isPlainObject":145,"lodash-compat/lang/isUndefined":148,q:157 }],4:[function(e,t,n){(function(n){"use strict";var r={isPlainObject:"lodash-compat/lang/isPlainObject":148,q:157 }],4:[function(e,t,n){(function(n){"use strict";var r={isPlainObject:"lodash-compat/lang/isPlainObject"),indexOf:e("lodash-compat/array/indexOf")};t.exports.__bind=function(e,t){return function(){return e.apply(t,arguments)}};var$ 

 $i=t.exports.log=function() \{ console \& \& "test" !==n.env.NODE\_ENV \& \& console.log(Array.prototype.slice.call(argum ents)[0]) \}; t.exports.fail=function(e) \{i(e)\}, t.exports.optionHtml=function(e,t) \{ return' td \} \}$ 

class="optionName">'+e+":"+t+""};var a=t.exports.resolveSchema=function(e){return r.isPlainObject(e.schema)&&(e=a(e.schema)),e};t.exports.simpleRef=function(e){return"undefined"==typeof e?null:0===e.indexOf("#/definitions/")?e.substring("#/definitions/".length):e},t.exports.extractExtensions=function( e,t,n){e&&t&&"string"==typeof e&&0===e.indexOf("x-

 $")\&\& (t.vendorExtensions=t.vendorExtensions[e]=n:t.vendorExtensions[e]=t[e]) \}). call (this is the set of th$ 

s,e("\_process"))},{\_process:12,"lodash-compat/array/indexOf":49,"lodash-

compat/lang/isPlainObject":145}],5:[function(t,n,r){(function(r){"use strict";var

i=t("./helpers"),a=t("superagent"),o=t("js-yaml"),s={isObject:t("lodash-compat/lang/isObject"),keys:t("lodashcompat/object/keys")},l=function(){this.type="JQueryHttpClient"},u=function(){this.type="SuperagentHttpClient"} ,c=n.exports=function(){};c.prototype.execute=function(t,n){var r;r=n&&n.client?n.client:new u(n),r.opts=n||{},n&&n.requestAgent&&(a=n.requestAgent);var i=!1;if("undefined"!=typeof window&&"undefined"!=typeof

window.jQuery&&(i=!0),"options"===t.method.toLowerCase()&&"SuperagentHttpClient"===r.type&&(e("forcing jQuery as OPTIONS are not supported by

SuperAgent"),t.useJQuery=!0),this.isInternetExplorer()&&(t.useJQuery===!1||!i))throw new Error("Unsupported configuration! JQuery is required but not

o=t.on.response,c=t.on.error,p=function(e){return

 $\label{eq:linear} n\&\&n.responseInterceptor\&\&(e=n.responseInterceptor.apply(e,[t])), o(e)\}, f=function(e)\{n\&\&n.responseInterceptor\&\&(e=n.responseInterceptor.apply(e,[t])), c(e)\}; return$ 

 $t.on.error=function(e) \{f(e)\}, t.on.response=function(e) \{e\&\&e.status>=400?f(e):h(e)\}, s.isObject(t)\&\&s.isObject(t.body)\&\&t.body.type\&\&"formData"===t.body.type\&&n.useJQuery\&\&(t.contentType=!1,t.processData=!1,deletet.headers["Content-$ 

 $Type"]),t=p(t)||t,t.beforeSend?t.beforeSend(function(e){r.execute(e||t)}):r.execute(t),t.deferred?t.deferred.promise:t}, c.prototype.isInternetExplorer=function(){var e=!1;if("undefined"!=typeof navigator&&navigator.userAgent){var t=navigator.userAgent.toLowerCase();if(t.indexOf("msie")!==-1){var}}$ 

 $n=parseInt(t.split("msie")[1]);n<=8\&\&(e=!0)\}$ return e},l.prototype.execute=function(e){var}

t=this.jQuery||"undefined"!=typeof window&&window.jQuery,n=e.on,r=e;if("undefined"==typeof t||t===!1)throw new Error("Unsupported configuration! JQuery is required but not available");return

 $e.type=e.method, e.cache=e.jqueryAjaxCache, e.data=e.body, delete e.jqueryAjaxCache, delete e.useJQuery, delete e.body, e.complete=function(e){for(var t={},a=e.getAllResponseHeaders().split("\n"),s=0;s<a.length;s++){var l=a[s].trim();if(0!==l.length){var u=l.indexOf(":");if(u!==-1){var}}}$ 

c=l.substring(0,u).trim(),p=l.substring(u+1).trim();t[c]=p}else t[l]=null}var

 $\label{eq:headers:t} $$ h=\{url:r.url,method:r.method,status:e.status,statusText:e.statusText,data:e.responseText,headers:t\};try{var f=e.responseJSON||o.safeLoad(e.responseText);h.obj="string"==typeof f?{}:f\}catch(d){i.log("unable to parse JSON/YAML}$ 

 $content") if (h.obj=h.obj||null,e.status>=200 \&\&e.status<300) n.response(h); else \{if(!(0===e.status||e.status>=400 \&\&e.status<599)) return n.response(h); n.error(h) \}\}, t.support.cors=!0, t.ajax(e) \}, u.prototype.execute=function(e) \{vart=e.method.toLowerCase(), n=e.timeout; "delete"===t \&\&(t="del"); vartices and the status and the$ 

 $l=e.headers||\{\}, u=a[t](e.url); e.connectionAgent\&\&u.agent(e.connectionAgent), n\&\&u.timeout(n), e.enableCookies\&\&u.withCredentials(); var$ 

c=e.headers.Accept;if(this.binaryRequest(c)&&u.on("request",function(){this.xhr&&(this.xhr.responseType="blob")}),e.body)if(s.isObject(e.body)){var p=e.headers["Content-Type"]||"";if(0===p.indexOf("multipart/form-

data"))if(delete l["Content-Type"],"[object FormData]"==={}.toString.apply(e.body))u.send(e.body);else{var h,f,d;for(h in e.body)if(f=e.body[h],Array.isArray(f))for(d in f)u.field(h,d);else u.field(h,f)}else

s.isObject(e.body)&&(e.body=JSON.stringify(e.body),u.send(e.body))}else u.send(e.body);var m;for(m in l)u.set(m,l[m]);"function"==typeof u.buffer&&u.buffer(),u.end(function(t,n){n=n||{status:0,headers:{error:"no response from server"}};var

a,l={url:e.url,method:e.method,headers:n.headers};if(!t&&n.error&&(t=n.error),t&&e.on&&e.on.error){if(l.errObj =t,l.status=n?n.status:500,l.statusText=n?n.text:t.message,n.headers&&n.headers["content-type"]&&n.headers["content-

 $type"].indexOf("application/json") >= 0)try \{l.obj=JSON.parse(l.statusText)\} catch(u) \{l.obj=null\}a=e.on.error\}else$ 

if(n&&e.on&&e.on.response){var c;if(n.body&&s.keys(n.body).length>0)c=n.body;else

try{c=o.safeLoad(n.text),c="string"==typeof c?null:c}catch(u){i.log("cannot parse JSON/YAML

content")}"function"==typeof r&&r.isBuffer(c)?l.data=c:l.obj="object"==typeof

 $\label{eq:c:c:null,lstatus=n.status,lstatusText=n.text,a=e.on.response}n.xhr&&n.xhr.response?l.data=n.xhr.response:l.data||(l.data=l.statusText),a&&a(l)}),u.prototype.binaryRequest=function(e){return!!e&&(/^image/i.test(e)||/^application/vecte-stream/.test(e))}).call(this,t("buffer").Buffer)},{"./helpers":4,buffer:14,"js-yaml":19,"lodash-compat/lang/isObject":144,"lodash-$ 

z]+:\/\/i.exec(e);n&&(t.proto=n[0].slice(0,-

 $\label{eq:since} 3), e=e.slice(t.proto.length+1)), "//"===e.slice(0,2) & (t.domain=e.slice(2).split("/")[0], e=e.slice(2+t.domain.length)) ; var r=e.split("#"); return r[0].length & (t.path=r[0]), r.length>1 & (t.fragment=r.slice(1).join("#")), t \ function \\ \ f$ 

i(e){var t=e.path;return void 0===t&&(t=""),void 0!==e.fragment&&(t+="#"+e.fragment),void

 $0!{=}{=}e.domain\&\&("/"{=}{=}{=}t.slice(0,1)\&\&(t{=}t.slice(1)), t{=}"//"{+}e.domain{+}{"/"}{+}t, void$ 

 $0!==e.proto\&\&(t=e.proto+":"+t)),t\}function a(e,t){var n=r(t); if(void 0!==n.domain)return t; var a=r(e); if(void 0:=n.domain)return t; var a=r(e); if(void$ 

 $0 === n.path) a.fragment = n.fragment; else if ("/"=== n.path.slice(0,1)) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void) a.path = n.path, a.fragment = n.fragment; else {var o=void} (var o=void)$ 

 $0 ===a.path?[]:a.path.split("/"),s=n.path.split("/");for(o.length&&o.pop();".."===s[0]||"."===s[0];)".."===s[0]&&o.pop(),s.shift();a.path=o.concat(s).join("/"),a.fragment=n.fragment}return i(a) var o=e("./http"),s={isObject:e("lodash-compat/lang/isObject"),cloneDeep:e("lodash-compat/lang/cloneDeep"),isArray:e("lodash-compat/lang/isArray"),isString:e("lodash-compat/lang/cloneDeep"),isArray:e("lodash-compat/lang/isArray"),isString:e("lodash-compat/lang/cloneDeep"),isArray:e("lodash-compat/lang/isArray"),isString:e("lodash-compat/lang/cloneDeep"),isArray:e("lodash-compat/lang/isArray"),isString:e("lodash-compat/lang/cloneDeep"),isArray:e("lodash-compat/lang/isArray"),isString:e("lodash-compat/lang/cloneDeep"),isArray:e("lodash-compat/lang/isArray"),isString:e("lodash-compat/lang/cloneDeep"),isArray:e("lodash-compat/lang/isArray"),isString:e("lodash-compat/lang/cloneDeep"),isArray:e("lodash-compat/lang/isArray"),isString:e("lodash-compat/lang/cloneDeep"),isArray:e("lodash-compat/lang/isArray"),isString:e("lodash-compat/lang/cloneDeep"),isArray:e("lodash-compat/lang/isArray"),isString:e("lodash-compat/lang/cloneDeep"),isArray:e("lodash-compat/lang/isArray"),isString:e("lodash-compat/lang/cloneDeep"),isArray:e("lodash-compat/lang/isArray"),isString:e("lodash-compat/lang/isArray"),isString:e("lodash-compat/lang/isArray"),isString:e("lodash-compat/lang/isArray"),isXtring:e("lodash-compat/lang/isArray"),isXtring:e("lodash-compat/lang/isArray"),isXtring:e("lodash-compat/lang/isArray"),isXtring:e("lodash-compat/lang/isArray"),isXtring:e("lodash-compat/lang/isArray"),isXtring:e("lodash-compat/lang/isArray"),isXtring:e("lodash-compat/lang/isArray"),isXtring:e("lodash-compat/lang/isArray"),isXtring:e("lodash-compat/lang/isArray"),isXtring:e("lodash-compat/lang/isArray"),isXtring:e("lodash-compat/lang/isArray"),isXtring:e("lodash-compat/lang/isArray"),isXtring:e("lodash-compat/lang/isArray"),isXtring:e("lodash-compat/lang/isArray"),isXtring:e("lodash-compat/lang/isArray"),isXtring:e("lodash-compat/lang/isArray"),isXtring:e($ 

 $compat/lang/isString") \}, l=t.exports=function() \{this.failedUrls=[], this.resolverCache=\{ \}, this.pendingUrls=\{ \} \}; l.prot otype.processAllOf=function(e,t,n,r,i,a) {var o,s,l;n["x-resolved-from"]=["#/definitions/"+t]; var u=n.allOf; for(u.sort(function(e,t){return e.$ref&&t.$ref?0:e.$ref?-}$ 

1:1}),o=0;o<u.length;o++)l=u[o],s="/definitions/"+t+"/allOf",this.resolveInline(e,a,l,r,i,s);

},l.prototype.resolve=function(e,t,n,r){this.spec=e;var i,a,l=t,u=n,c=r,p={};"function"==typeof
t&&(l=null,u=t,c=n);var

h, f=1; this.scope=c||this, this.iteration=this.iteration||0, this.scope.options&&this.scope.options.requestInterceptor&&(p.requestInterceptor=this.scope.options.requestInterceptor), this.scope.options&&this.scope.options.responseInterceptor&(p.responseInterceptor); var

 $d,m,g,y,v,b,w,=0,x={},A={},S=[];e.definitions=e.definitions||{};for(d in e.definitions){var}$ 

j=e.definitions[d];if(j.\$ref)this.resolveInline(l,e,j,S,A,j);else{for(y in

 $j.properties)g=j.properties[y], s.isArray(g.allOf)? this.processAllOf(l,d,g,S,A,e): this.resolveTo(l,g,S,"/definitions"); j.allOf & this.processAllOf(l,d,j,S,A,e) } e.parameters=e.parameters|| }; for(d in the second s$ 

 $e. parameters) \{ if (v=e. parameters[d], "body"===v["in"] \& \& v. schema) if (s. is Array (v. schema.allOf)) \{ h="inline_model" : var E=h; for (b=!1, w=0; !b;) \} if ("undefined"==type of the schema is the schema$ 

 $e.definitions[E]) \{b=!0; break\} E=h+"\_"+w, w++\} e.definitions[E]=\{allOf: v.schema.allOf\}, delete=0, break\} e.definitions[E]=\{allOf: v.schema.allOf\}, delete=$ 

 $v.schema.allOf, v.schema.\$ref="\#/definitions/"+E, this.processAllOf(l, E, e.definitions[E], S, A, e) \} else and the set of the set$ 

 $this.resolveTo(l,v.schema,S,i); v.\$ref\&\&this.resolveInline(l,e,v,S,A,v.\$ref) \\ for(d \ in \ e.paths) \\ \{var \ interval \ interval$ 

```
O,k,T;if(m=e.paths[d],"object"==typeof m){for(O in
```

 $C=m. parameters ||[], I=k. parameters ||[]; C. for Each(function(e) \{I. unshift(e)\}), "parameters" !== O \&\&s. is Object(k) \&\&(k, b) = O \&\&s. is Object(k) & it objec$ 

 $I) \{ if (v=I[a], i="/paths"+d+"/"+O+"/parameters", "body"===v["in"] \& \& v.schema) if (s.isArray(v.schema.allOf)) \{ for (h="inline_model", d=h, b=!1, w=0; !b; ) \} if ("undefined"==typeof") \} if (undefined"==typeof") \} if (undefined"=typeof") \} if (undefined") ] if (undefined") ] if (undefined") ] if (undefined") ] if (un$ 

 $e.definitions[d]) \{b=!0; break\}d=h+""+w, w++\} e.definitions[d]=\{allOf: v.schema.allOf\}, delete and the set of the set o$ 

v.schema.allOf,v.schema.\$ref="#/definitions/"+d,this.processAllOf(l,d,e.definitions[d],S,A,e)}else

 $this.resolveTo(l,v.schema,S,i); v.\$ref\&\&this.resolveInline(l,e,v,S,A,v.\$ref) \\ for(T \ in \ k.responses) \\ \{var \ k.respon$ 

 $D=k.responses[T]; if (i="/paths"+d+"/"+O+"/responses/"+T, s.isObject(D) \&\& (D.\$ref\&\& this.resolveInline(l,e,D,S,A,i)) = 0.5 \label{eq:constraint} and a statement of the state$ 

),D.schema)){var

 $L=D; if (s.isArray (L.schema.allOf)) \{ for (h="inline_model", d=h, b=!1, w=0; !b;) \{ if ("undefined"==type of the set o$ 

 $e.definitions[d]) \{b=!0; break\} d=h+"\_"+w, w++\} e.definitions[d]=\{allOf: L.schema.allOf\}, delete$ 

L.schema.all Of, delete

 $\label{eq:listic} L.schema.type,L.schema.$ref="#/definitions/"+d,this.processAllOf(l,d,e.definitions[d],S,A,e)}else"array"===L.schema.type?L.schema.items&&L.schema.items.$ref&&this.resolveInline(l,e,L.schema.items,S,A,i):this.resolveTo(l,D.schema,S,i)}}m.parameters=[]}var M,R=0,U=[],P=S;for(a=0;a<P.length;a++){var}$ 

 $q=P[a];if(l===q.root){if("ref"===q.resolveAs){var}}$ 

 $B,z=((q.root||"")+"/"+q.key).split("/"),N=[],\$="";if(q.key.indexOf("../")>=0){for(var)}$ 

 $F=0; F<\!\!z.length; F++)".."===z[F]?N=N.slice(0,N.length-1)$ 

 $if (M=q.key.split("\#"), 2===M.length) \\ \{0!==M[0].indexOf("http:") \\ \& \\ 0!==M[0].indexOf("https:") \\ \|(q.root=M[0]), i=M[0].indexOf("http:") \\ \|(q.root=M$ 

 $M[1].split("/"); var V, H=e; for (B=0; B<i.length; B++) \{var Y=i[B]; if (""!==Y) \{if (H=H[Y], "undefined"==type of A_{i}) \} \}$ 

H {V=null;break} V=H } null===V&&U.push(q) } else

if("inline"===q.resolveAs){if(q.key&&q.key.indexOf("#")===-

 $1;a++)i+=M[a]+"/";i+=q.key,q.root=i,q.location=""}U.push(q)\}\\else U.push(q)\\R=U.length;for(var),with the set of the set$ 

 $J=\{\}, W=0; W<U.length; W++)! function(e,t,n,r,i) \{ if (e.root \& e.root!==1) if (n.failed Urls.indexOf(e.root)===-1) \{ var a=\{useJQuery:!1, url: e.root, method: "get", headers: \{ accept:n.scope.swaggerRequestHeaders|| "application/json" \}, on: \{ accept:n.scope.swaggerRequestHeaders|| "application/json" \}, on: \{ accept:n.scope.swaggerRequestHeaders|| "application/json" \}, on: \{ accept:n.scope.swaggerRequestHeaders|| application/json" \}, on: \{ accept:n.scope.swaggerRequestHeaders|| application \}, on: \{ accept:n.scope.swaggerRequestHeaders|| application ], on: \{ accept:n.scope.$ 

 $error: function(i) \{\_+=1, console.log("failed url: "+a.url), n.failedUrls.push(a.url), r\&\&deletender(a.url), r\&&deletender(a.url), r&&deletender(a.url), r&&deletender(a.url),$ 

 $\label{eq:response} r[e.root], A[e.key] = \{root:e.root, location:e.location\}, \_==R\&\&n.finish(t,f,S,x,A,u)\}, response: function(i) \{var a=i.obj; r\&\&delete$ 

 $\label{eq:resolverCache&&(n:resolverCache[e:root]=a),n:resolveItem(a,e:root,S,x,A,e),\_+=1,\_==R\&\&n.finish(t,f,S,x,A,u)\};c\&\&c.fetchSpecTimeout\&\&(a.timeout=c.fetchSpecTimeout),c\&\&c.clientAuthorizations\&\&c.clientAuthorizations&\&c.clientAuthorizations&\&c.clientAuthorizations&\&c.clientAuthorizations&\&c.clientAuthorizations&\&c.clientAuthorizations&\&c.clientAuthorizations&\&c.clientAuthorizations&\&c.clientAuthorizations&\&c.clientAuthorizations&\&c.clientAuthorizations&\&c.clientAuthorizations&\&c.clientAuthorizations&\&c.clientAuthorizations&\&c.clientAuthorizations&\&c.clientAuthorizations&\&c.clientAuthorizations&\&c.clientAuthorizations&\&c.clientAuthorizations&\&c.clientAuthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&balantauthorizations&$ 

e=n.resolverCache[a.url];s.isObject(e)?a.on.response({obj:e}):(r[a.url]=!0,(new o).execute(a,p))}},0)}()}else

 $\_+=1,A[e.key]=\{root:e.root,location:e.location\},\_===R\&\&n.finish(t,f,S,x,A,u);else(t,f,S,x,A,u)\}$ 

 $n.resolveItem(t,f,S,x,A,e),\_+=1,\_==R\&\&n.finish(t,l,S,x,A,u,!0)\}(U[W],e,this,J,W);0===Object.keys(U).length\&\&this.finish(e,f,S,x,A,u)\},l.prototype.resolveItem=function(e,t,n,r,i,a){var}$ 

 $o=a.location, s=e, l=o.split("/"); if(""!==o) for(var u=0; u<l.length; u++) \{var c=l[u]; if(c.indexOf("~1")!==-i(u-1)) \in I(u-1) \}$ 

 $\label{eq:c=l[u].replace(/~0/g,"~").replace(/~1/g,"/"),"/"!==c.charAt(0)\&\&(c="/"+c)),"undefined"==typeofs||null==s)break;if(""===c\&u==l.length-1\&\&l.length>1){s=null;break}c.length>0\&\&(s=s[c])}varp=a.key;l=a.key.split("/");varh=l[l.length-1]{s=null;break}c.length>0&\&(s=s[c])}varp=a.key;l=a.key.split("/");varh=l[l.length-1]{s=null;break}c.length>0&\&(s=s[c])}varp=a.key;l=a.key.split("/");varh=l[l.length-1]{s=null;break}c.length>0&\&(s=s[c])}varp=a.key;l=a.key.split("/");varh=l[l.length-1]{s=null;break}c.length>0&\&(s=s[c])}varp=a.key;l=a.key.split("/");varh=l[l.length-1]{s=null;break}c.length>0&k(s=s[c])}varp=a.key;l=a.key.split("/");varh=l[l.length-1]{s=null;break}c.length>0&k(s=s[c])}varp=a.key;l=a.key.split("/");varh=l[l.length-1]{s=null;break}c.length>0&k(s=s[c])}varp=a.key;l=a.key.split("/");varh=l[l.length-1]{s=null;break}c.length>0&k(s=s[c])}varp=a.key;l=a.key.split("/");varh=l[l.length-1]{s=null;break}c.length>0&k(s=s[c])}varp=a.key;l=a.key.split("/");varh=l[l.length-1]{s=null;break}c.length>0&k(s=s[c])}varp=a.key;l=a.key.split("/");varh=l[l.length-1]{s=null;break}c.length>0&k(s=s[c])}varp=a.key;l=a.key.split("/");varh=l[l.length-1]{s=null;break}c.length>0&k(s=s[c])}varp=a.key;l=a.key.split("/");varh=l[l.length-1]{s=null;break}c.length>0&k(s=s[c])}varp=a.key;l=a.key.split("/");varh=l[l.length-1]{s=null;break}c.length>0&k(s=s[c])}varp=a.key;l=a.key.split("/");varh=l[l.length-1]{s=null;break}c.length>0&k(s=s[c])}varp=a.key;l=a.key.split("/");varh=l[l.length-1]{s=null;break}c.length>0&k(s=s[c])}varp=a.key;l=a.key.split("/");varh=l[l.length-1]{s=null;break}c.length>0&k(s=s[c])}varp=a.key;l=a.key.split("/");varh=l[l.length-1]{s=null;break}c.length>0&k(s=s[c])}varp=a.key;l=a.key.split("/");varh=l[l.length-1]{s=null;break}c.length>0&k(s=s[c])}varp=a.key;l=a.key.split("/");varh=l[l.length-1]{s=null;break}c.length>0&k(s=s[c])}varp=a.key;l=a.key.split("/");varh=l[l.length-1]{s=null;break}c.length>0&k(s=s[c])}varp=a.key;l=a.key.split("/");varh=l[l.length-1]{s=null;break}c.length>0&k(s=s[c])}varp=a.key;l=a.key;l=a.key$ 

1];h.indexOf("#")>=0&&(h=h.split("#")[1]),null!==s&&"undefined"!=typeof

s?r[p]={name:h,obj:s,key:a.key,root:a.root}:i[p]={root:a.root,location:a.location}},l.prototype.finish=function(e,t,n, r,i,a,o){var s,l;for(s in n){var

 $u=n[s], c=u.key, p=r[c]; if(p)if(e.definitions=e.definitions||{},"ref"===u.resolveAs){if(o!==!0)for(c in a construction of the construction of t$ 

p.obj)l=this.retainRoot(c,p.obj[c],u.root),p.obj[c]=l;e.definitions[p.name]=p.obj,u.obj.\$ref="#/definitions/"+p.name} else if("inline"===u.resolveAs){var h=u.obj;h["x-resolved-from"]=[u.key],delete h.\$ref;for(c in

p.obj)l=p.obj[c],o!==!0&&(l=this.retainRoot(c,p.obj[c],u.root)),h[c]=l}}var

 $f=this.countUnresolvedRefs(e); 0===f||this.iteration>5?(this.resolveAllOf(e.definitions), this.resolverCache=null, a.call(this.scope,e,i)):(this.iteration+=1, this.resolve(e,t,a, this.scope)) \}, l.prototype.countUnresolvedRefs=function(e) {vart,n=this.getRefs(e),r=[],i=[]; for(t in the formula of the fo$ 

 $n)0{=}{=}{=}t.indexOf("\#")?r.push(t.substring(1)):i.push(t); for(t{=}0;t{<}r.length;t{+}{+})for(var)):i.push(t); for(t{=}0;t{<}r.length;t{+})for(var)):i.push(t); for(t{=}0;t{<}r.length;t{+})for(var)):i.push(t); for(t{=}0;t{<}r.length;t{+})for(var)):i.push(t); for(t{=}0;t{<}r.length;t{+})for(var)):i.push(t); for(t{=}0;t{<}r.length;t{+})for(var)):i.push(t); for(t{=}0;t{<}r.length;t{+})for(var)):i.push(t); for(t{=}0;t{<}r.length;t{+})for(var)):i.push(t); for(t{=}0;t{<}r.length;t{+})for(var)):i.push(t); for(t{=}0;t{<}r.length;t{+})for(var)):i.push(t);for(t{=}0;t{<}r.length;t{+})for(var)):i.push(t);for(t{=}0;t{<}r.length;t{+})for(var)):i.push(t);for(t{=}0;t{<}r.length;t{+})for(var)):i.push(t);for(t{=}0;t{<}r.length;t{+})for(var)):i.push(t);for(t{=}0;t{<}r.length;t{+})for(var)):i.push(t);for(t{=}0;t{<}r.length;t{+})for(var)):i.push(t);for(t{=}0;t{<}r.length;t{+})for(var)):i.push(t);for(t{=}0;t{<}r.length;t{+})for(var)):i.push(t);for(t{=}0;t{<}r.length;t{+})for(var)):i.push(t);for(t{=}0;t{<}r.length;t{+})for(var)):i.push(t);for(t{=}0;t{<}r.length;$ 

 $a=r[t], o=a.split("/"), s=e, l=0; l<o.length; l++) \{var \ u=o[l]; if(""!==u\&\&(s=s[u], "undefined"==typeof]) \}$ 

 $s)) \{i.push(a); break\} \} return \ i.length \}, l.prototype.getRefs=function(e,t) \{t=t || e; var \ n=\{\}; for(var \ r \ in \ n=1\}, for(var \ r \ in \ n=1\}) \}$ 

 $t) if (t.hasOwnProperty(r)) \{ var \ i=t[r]; if ("\$ref"===r\&\&"string"==typeof \ i)n[i]=null; else \ if (s.isObject(i)) \{ var \ i=t[r]; if ("\$ref"===r\&\&"string"==typeof \ i)n[i]=null; else \ if (s.isObject(i)) \{ var \ i=t[r]; if ("\$ref"===r\&\&"string"==typeof \ i)n[i]=null; else \ if (s.isObject(i)) \{ var \ i=t[r]; if ("\$ref"===r\&\&"string"==typeof \ i)n[i]=null; else \ if (s.isObject(i)) \{ var \ i=t[r]; if ("\$ref"===r\&\&"string"==typeof \ i)n[i]=null; else \ if (s.isObject(i)) \{ var \ i=t[r]; if ("\$ref"===r\&\&"string"==typeof \ i)n[i]=null; else \ if (s.isObject(i)) \{ var \ i=t[r]; if ("\$ref"==r\&\&"string"==typeof \ i)n[i]=null; else \ if (s.isObject(i)) \{ var \ i=t[r]; if ("\$ref"==r\&\&"string"=string"=string") \}$ 

 $a=this.getRefs(i); for (var \ o \ in \ a)n[o]=null \} \\ return \ n \ l.prototype.retainRoot=function(e,t,n) \\ \{if(s.isObject(t))for(var \ r \ n), for(var \ r \ n), for(var \ r \ n) \\ return \ n \ l.prototype.retainRoot=function(e,t,n) \\ \{if(s.isObject(t)), for(var \ r \ n), for(var \ r \ n), for(var \ n), fo$ 

```
in t){var i=t[r];"$ref"===r&&"string"==typeof i?t[r]=a(n,i):s.isObject(i)&&this.retainRoot(r,i,n)}else
 s.isString(t)&&"$ref"===e&&(t=a(n,t));return t},l.prototype.resolveInline=function(e,t,n,r,i,a){var
o,s,l,u,c=n.\$ref,p=n.\$ref,h=!1; if (e=e||"",p) \{ if (0===p.indexOf("../")) \{ for (s=p.split("../"),l=e.split("/"),p="",o=0; o<s.le(n,v) \} \} 
 ngth;o++)""===s[o]?l=l.slice(0,l.length-1):p+=s[o];for(e="",o=0;o<l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o];for(e="",o=0;o<l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o];for(e="",o=0;o<l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o];for(e="",o=0;o<l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o];for(e="",o=0;o<l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o];for(e="",o=0;o<l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o];for(e="",o=0;o<l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.length-1):p+=s[o]?l=l.slice(0,l.lengt
 l.split("/"), e=s[0]+"//"+l[0]+u[0], a=u[1]; else{if(u=p.split("#"),""!==u[0]){if(l=e.split("/"), l=l.slice(0, l.length-line){if(l=e.split("/"), l=l.slice(0, l.leng
 1),!h){e="";for(var)}
f=0;f<1.length;f++)f>0\&\&(e+="/"),e+=l[f]e+="/"+p.split("\#")[0]a=u[1]if(0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0===p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.indexOf("http:")||0==p.inde
f("https:"))p.indexOf("#")>=0?(e=p.split("#")[0],a=p.split("#")[1]):(e=p,a=""),r.push({obj:n,resolveAs:"inline",root: [n], n], n], n] = 0.5
e.key:c,location:a});else
if(0===p.indexOf("#"))a=p.split("#")[1],r.push({obj:n,resolveAs:"inline",root:e,key:c,location:a});else
if(0===p.indexOf("/")&&p.indexOf("#")===-1){a=p;var
d=e.match(/^https?\:\//([^/?#]+)(?:[/?#]))i);d\&\&(e=d[0]+p.substring(1),a=""),r.push({obj:n,resolveAs:"inline",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite:",roinfinite
ot:e,key:c,location:a})}else
r.push({obj:n,resolveAs:"inline",root:e,key:c,location:a})}else"array"===n.type&&this.resolveTo(e,n.items,r,a)},l.p
rototype.resolveTo=function(e,t,n,r){var i,a,o=t.$ref,l=e;if("undefined"!=typeof
o\&aull!==o{if(o.indexOf("#")>=0}{var u=o.split("#");if(u[0]\&&0==o.indexOf("/"));else}
if(|u[0]||0!==u[0].indexOf("http:")\&0!==u[0].indexOf("https:")){if(u[0]\&&u[0].length>0){for(i=e.split("/"),l="",a})}
=0;a<i.length-1;a++)l+=i[a]+"/";l+=u[0]\}else l=u[0],o=u[1];r=u[1]else
if(0==o.indexOf("https:"))|0===o.indexOf("https:"))|=o,r="";else{for(i=e.split("/"),l="",a=0;a<i.length-indexOf("https:"))|=o,r="";else{for(i=e.split("/"),l="",a=0;a<i.length-indexOf("https:"))|=o,r="";else{for(i=e.split("/"),l="",a=0;a<i.length-indexOf("https:"))|=o,r="";else{for(i=e.split("/"),l="",a=0;a<i.length-indexOf("https:"))|=o,r="";else{for(i=e.split("/"),l="",a=0;a<i.length-indexOf("https:"))|=o,r="";else{for(i=e.split("/"),l="",a=0;a<i.length-indexOf("https:"))|=o,r="";else{for(i=e.split("/"),l="",a=0;a<i.length-indexOf("https:"))|=o,r="";else{for(i=e.split("/"),l="",a=0;a<i.length-indexOf("https:"))|=o,r="";else{for(i=e.split("/"),l="",a=0;a<i.length-indexOf("https:"))|=o,r="";else{for(i=e.split("/"),l="",a=0;a<i.length-indexOf("https:"))|=o,r="";else{for(i=e.split("/"),l="",a=0;a<i.length-indexOf("https:"))|=o,r="";else{for(i=e.split("/"),l="",a=0;a<i.length-indexOf("https:"))|=o,r="";else{for(i=e.split("/"),l="",a=0;a<i.length-indexOf("https:"))|=o,r="";else{for(i=e.split("/"),l="",a=0;a<i.length-indexOf("https:"))|=o,r="";else{for(i=e.split("/"),l="",a=0;a<i.length-indexOf("https:"))|=o,r="";else{for(i=e.split("/"),l="",a=0;a<i.length-indexOf("https:"))|=o,r="";else{for(i=e.split("/"),l="",a=0;a<i.length-indexOf("https:"))|=o,r="";else{for(i=e.split("/"),l="",a=0;a<i.length-indexOf("https:"))|=o,r="",a=0;a<i.length-indexOf("https:")]|=o,r="",a=0;a<i.length-indexOf("https:")]|=o,r="",a=0;a<i.length-indexOf("https:")]|=o,r="",a=0;a<i.length-indexOf("https:")]|=o,r="",a=0;a<i.length-indexOf("https:")]|=o,r="",a=0;a<i.length-indexOf("https:")]|=o,r="",a=0;a<i.length-indexOf("https:")]|=o,r="",a=0;a<i.length-indexOf("https:")]|=o,r="",a=0;a<i.length-indexOf("https:")]|=o,r="",a=0;a<i.length-indexOf("https:")]|=o,r="",a=0;a<i.length-indexOf("https:")]|=o,r="",a=0;a<i.length-indexOf("https:")]|=o,r="",a=0;a<i.length-indexOf("https:")]|=o,r="",a=0;a<i.length-indexOf("https:")]|=o,r="",a=0;a<i.length-indexOf("https:")]|=o,r="",a=0;a<i.length-indexOf("https:")]|=o,r="",a=0;a<i.length-indexOf("https:")]|
 1;a++)l+=i[a]+''';l+=o,r=''']n.push({obj:t,resolveAs:"ref",root:l,key:o,location:r})}else if("array"===t.type){var}
c=t.items;this.resolveTo(e,c,n,r)}else if(t&&(t.properties||t.additionalProperties)){var
p=this.uniqueName("inline_model");t.title&&(p=this.uniqueName(t.title)),delete
t.title,this.spec.definitions[p]=s.cloneDeep(t),t.$ref="#/definitions/"+p,delete t.type,delete
t.properties}, l.prototype.uniqueName=function(e){for(var t=e,n=0;;){if(!s.isObject(this.spec.definitions[t]))return}
t;t=e+" "+n,n++],l.prototype.resolveAllOf=function(e,t,n){n=n||0,t=t||e;var r;for(var i in
t)if(t.hasOwnProperty(i)){var a=t[i];if(null===a)throw new TypeError("Swagger 2.0 does not support null types
("+t+"). See https://github.com/swagger-api/swagger-spec/issues/229.");if("object"==typeof
a&&this.resolveAllOf(e,a,n+1),a&&"undefined"!=typeof a.allOf){var o=a.allOf;if(s.isArray(o)){var
l=s.cloneDeep(a);delete l.allOf,l["x-composed"]=!0,"undefined"!=typeof a["x-resolved-from"]&&(l["x-resolved-
from"]=a["x-resolved-from"]); for(var u=0;u<0.length;u++){var c=o[u],p="self";"undefined"!=typeof c["x-resolved-from"]); for(var u=0;u<0.length;u++){var c=o[u],p="self";"undefined"!=typeof c["x-resolved-from"]]; for(var u=0;u<0.length;u++){var c=o[u],p="self";"undefined"]]; for(var u=0;u<0.length;u++){var c=o[u],p="self";"undefined"]]; for(var u=0;u<0.length;u++){var c=o[u],p="self";"undefined"]]; for(var u=0;u<0.length;u++){var c=o[u],p="self";"undefined"]]; for(var u=0;u<0.length;u++){var c=o[u],p="self";"undefined"]]]; for(var u=0;u<0.length;u++){var c=o[u],p="self";"undefined"]]; for(var u=0;u<0.length;u++){var c=o[u],p="self";"undefined"]]]; for(var u=0;u<0.length;u++){var c=o[u],p="self";"undefined"]]]; for(var u=0;u<0.length;u++){var c=o[u],p="self";"un
from"]&&(p=c["x-resolved-from"][0]);for(var h in c)if(l.hasOwnProperty(h))if("properties"===h){var f=c[h];for(r
in f){l.properties[r]=s.cloneDeep(f[r]);var d=f[r]["x-resolved-from"];"undefined"!=typeof
d\&\&"self"!==d||(d=p),l.properties[r]["x-resolved-from"]=d}else if("required"===h){for(var)}
m=1.required.concat(c[h]),g=0;g<m.length;++g)for(var y=g+1;y<m.length;++y)m[g]===m[y]\&\&m.splice(y--)
 ,1);l.required=m}else"x-resolved-from"===h&&l["x-resolved-from"].push(p);else
if(l[h]=s.cloneDeep(c[h]),"properties"===h)for(r in l[h])l[h][r]["x-resolved-
from"]=p}t[i]=l}}}},{"./http":5,"lodash-compat/lang/cloneDeep":138,"lodash-compat/lang/isArray":140,"lodash-
compat/lang/isObject":144,"lodash-compat/lang/isString":146}],7:[function(e,t,n){"use strict";var
r=e("./helpers"),i={isPlainObject:e("lodash-compat/lang/isPlainObject"),isUndefined:e("lodash-
compat/lang/isUndefined"),isArray:e("lodash-compat/lang/isArray"),isObject:e("lodash-
compat/lang/isObject"),isEmpty:e("lodash-compat/lang/isEmpty"),map:e("lodash-
compat/collection/map"),indexOf:e("lodash-compat/array/indexOf"),cloneDeep:e("lodash-
compat/lang/cloneDeep"),keys:e("lodash-compat/object/keys"),forEach:e("lodash-
compat/collection/forEach")},a=t.exports.optionHtml=function(e,t){return'<td
class="optionName">'+e+":"+t+"
n; return" integer" == = e\&\&" int 32" == = t?n = "integer":" integer" == = e\&\&" int 64" == = t?n = "long":" integer" == = e\&\&" und the set of the set of
```

time":"string"===e&&"date"===t?n="date":"number"===e&&"float"===t?n="float":"number"===e&&"double"===t?n="double":"number"===e&&"undefined"==typeof

t?n="double":"boolean"===e?n="boolean":"string"===e&&(n="string"),n};var

o=t.exports.getStringSignature=function(e,t){var n="";return"undefined"!=typeof

e.\$ref?n+=r.simpleRef(e.\$ref):"undefined"==typeof

 $e.type?n+="object":"array"===e.type?t?n+=o(e.items||e.$ref||{}):(n+="Array[",n+=o(e.items||e.$ref||{}),n+="]"):n+="integer"===e.type&&"int32"===e.format?"integer":"integer"==e.type&&"int64"===e.format?"long":"integer"==e.type&&"int64"===e.format?"long":"integer"==e.type&&"int64"===e.format?"long":"integer"==e.type&&"int64"===e.format?"long":"integer"==e.type&&"int64"===e.format?"long":"integer"==e.type&&"int64"===e.format?"long":"integer"==e.type&&"int64"===e.format?"long":"integer"==e.type&&"int64"===e.format?"long":"integer"==e.type&&"int64"===e.format?"long":"integer"==e.type&&"int64"===e.format?"long":"integer"==e.type&&"int64"===e.format?"long":"integer"==e.type&&"int64"===e.format?"long":"integer"==e.type&&"int64"===e.format?"long":"integer"==e.type&&"int64"===e.format?"long":"integer"==e.type&&"int64"===e.format?"long":"integer"==e.type&&"int64"===e.format?"long":"integer"==e.type&&"int64"===e.format?"long":"integer"==e.type&&"int64"===e.format?"long":"integer"==e.type&&"int64"===e.format?"long":"integer"==e.type&&"int64"===e.format?"long":"integer"==e.type&&"int64"===e.format?"long":"integer"==e.type&&"int64"==e.format?"long":"integer"==e.format?"long":"integer"==e.format?"long":"integer"==e.format?"long":"integer"==e.format?"long":"integer"==e.format?"long":"integer"==e.format?"long":"integer"==e.format?"long":"integer"==e.format?"long":"integer"==e.format?"long":"integer"==e.format?"long":"integer"==e.format?"long":"integer"==e.format?"long":"integer"==e.format?"long":"integer"==e.format?"long":"integer"==e.format?"long":"integer"==e.format?"long":"integer"=e.format?"long":"integer"=e.format?"long":"integer"=e.format?"long":"integer"=e.format?"long":"integer"=e.format?"long":"integer"=e.format?"long":"integer"=e.format?"long":"integer"=e.format?"long":"integer"=e.format?"long":"integer"=e.format?"long":"integer"=e.format?"long":"integer"=e.format?"long":"integer"=e.format?"long":"integer"=e.format?"long":"integer"=e.format?"long":"integer"=e.format?"long":"integer"=e.format?"long":"integer"=e.format$ 

==e.type&&"undefined"==typeof~e.format?"long":"string"===e.type&&"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format.format?"date-time"===e.format?"date-time"===e.format.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"==e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-time"===e.format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-format?"date-form

time":"string"===e.type&&"date"===e.format?"date":"string"===e.type&&"undefined"==typeofficient in the string in

e.format?"string":"number"===e.type&&"float"===e.format?"float":"number"===e.type&&"double"===e.format?" double":"number"===e.type&&"undefined"==typeof

 $e.format?"double":"boolean"===e.type?"boolean":e.$ref?r.simpleRef(e.$ref):e.type,n},s=t.exports.schemaToJSON=function(e,t,n,a){e=r.resolveSchema(e),"function"!=typeof a&&(a=function(e){return(e||{})["default"]}),n=n||{};var o,l,u=e.type||"object",c=e.format;return$ 

 $i.isUndefined(e.example)?i.isUndefined(e.items)\&\&i.isArray(e["enum"])\&\&(l=e["enum"][0]):l=e.example,i.isUndefined(l)\&\&(e.$ref?(o=t[r.simpleRef(e.$ref)],i.isUndefined(o)||(i.isUndefined(n[o.name])?(n[o.name]=o,l=s(o.definition,t,n,a),deleten[o.name]):l="array"===o.type?[]:{})):i.isUndefined(e["default"])?"string"===u?l="date-time"===c?(new Date).toISOString():"date"===c?(new Date).toISOString():"date]$ 

Date).to ISOS tring().split("T")[0]:"string":"integer"===u?l=0:"number"===u?l=0:"boolean"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"===u?l=!0:"object"==u?l=!0:"object"==u?l=!0:"object"=u?l=!0:"object"=u?l=!0:"object"=u?l=!0:"object"=u?l=!0:"object"=u?l=!0:"object"=u?l=!0:"object"=u?l=!0:"object"=u!l=!0:"object"=u!l=!0:"object"=u!l=!0:"object"=u!l=!0:"object"=u!l=!0:"object"=u!l=!0:"object"=u!l=!0:"object"=u!l=!0:"object"=u!l=!0:"object"=u!l=!0:"object"=u!l=!0:"object"=u!l=!0:"object"=u!l=!0:"object"=u!l=!0:"object"=u!l=!0:"object"=u!l=!0:"object"=u!l=!0:"object"=u!l=!0:"object"=u!l=!0:"object"=u!l=!0:"object"=u!l=!0:"object"=u!l=!0:"object"=u!l=!0:"object"=

o=i.cloneDeep(e);o["default"]=a(e),l[r]=s(o,t,n,a)})):"array"===u&&(l=[],i.isArray(e.items)?i.forEach(e.items,funct ion(e){l.push(s(e,t,n,a))}):i.isPlainObject(e.items)?l.push(s(e.items,t,n,a)):i.isUndefined(e.items)?l.push({}):r.log("A rray type's 'items' property is not an array or an object, cannot

 $\label{eq:process} process"): l=e["default"]), l\}; t.exports.schemaToHTML=function(e,t,n,o){function s(e,t,a){var o,s=t;return e.$ref?(s=e.title||r.simpleRef(e.$ref),o=n[s]): i.isUndefined(t) & (s=e.title||"Inline Model "+ 1000 cm s(s=0.5)) & (s=0.5) & ($ 

++m,o={definition:e}),a!==!0&&(f[s]=i.isUndefined(o)?{}:o.definition),s}function l(e){var t='<span class="propType">',n=e.type||"object";return

e.\$ref?t+=s(e,r.simpleRef(e.\$ref)):"object"===n?t+=i.isUndefined(e.properties)?"object":s(e):"array"===n?(t+="Array", i.isArray(e.items)?t+=i.map(e.items,s).join(","):i.isPlainObject(e.items)?t+=i.isUndefined(e.items.\$ref)?i.isUndefined(e.items.type)|==-

1?s(e.items):e.items.type:s(e.items,r.simpleRef(e.items.\$ref)):(r.log("Array type's 'items' schema is not an array or an object, cannot process"),t+="object"),t+="]"):t+=e.type,t+="</span>"}function u(e,t){var

```
n="",r=e.type||"object",o="array"===r;switch(o\&\&(r=i.isPlainObject(e.items)\&\&!i.isUndefined(e.items.type)?e.items.type:"object"),i.isUndefined(e["default"])||(n+=a("Default",e["default"])),r){case"string":e.minLength&\&(n+=a("Min. Length",e.minLength)),e.maxLength&\&(n+=a("Max. Length",e.maxLength)),e.pattern&&(n+=a("Reg. Exp.",e.pattern));break;case"integer":case"number":e.minimum&&(n+=a("Min. Length",e.minLength)),e.maxLength&&(n+=a("Min. Length",e.maxLength)),e.pattern&&(n+=a("Reg. Exp.",e.pattern));break;case"integer":case"number":e.minimum&&(n+=a("Min. Length",e.minLength)),e.maxLength&&(n+=a("Min. Length",e.maxLength)),e.pattern&&(n+=a("Reg. Exp.",e.pattern));break;case"integer":case"number":e.minimum&&(n+=a("Min. Length",e.maxLength)),e.pattern&&(n+=a("Min. Length",e.maxLength)),e.pattern&&(n+=a("Reg. Exp.",e.pattern));break;case"integer":case"number":e.minimum&&(n+=a("Min. Length",e.maxLength)),e.maxLength&&(n+=a("Min. Length",e.maxLength)),e.pattern&&(n+=a("Min. Length",e.maxLength)),e.maxLength&&(n+=a("Min. Length",e.maxLength&&(n+=a("Min. Length",e.maxLength)),e.maxLength&&(n+=a("Min. Length",e.maxLength&&(n+=a("Min. Length",e.maxLength&&(n+=a("Min. Length)),e.maxLength&&(n+=a("Min. Length)),e.maxLength&&(n+=a("Min. Length)),e.maxLength&&(n+=a("Min. Length)),e.maxLength&&(n+=a("Min. Length)),e.maxLength&&(n+=a("Min. Length)),e.maxLength&&(n+=a("Min. Length)),e.maxLength&&(n+=a("Min. Length)),e.maxLength&&((n+=a("Min. Length))),e.maxLength&&((n+=a(
```

```
Value",e.minimum)),e.exclusiveMinimum&&(n+=a("Exclusive Min.","true")),e.maximum&&(n+=a("Max.
```

```
Of", e.multipleOf)) \} if (o\&\&(e.minItems\&\&(n + = a("Min. Items", e.minItems)), e.maxItems\&\&(n + = a("Max. Items", e.minItems)), e.maxItems\&\&(n + = a("Min. Items", e.minItems)), e.maxItems\&\&(n + e (minItems)), e.maxItems\&\&(n + e (minItem
```

Items",e.maxItems)),e.uniqueItems&&(n+=a("Unique Items","true")),e.collectionFormat&&(n+=a("Coll.

Format",e.collectionFormat))),i.isUndefined(e.items)&&i.isArray(e["enum"])){var

 $s;s="number"===r||"integer"===r?e["enum"].join(", "):""+e["enum"].join(", ")+"",n+=a("Enum",s) \} return$ 

n.length>0&&(t='<span class="propWrap">'+t+'<th

 $colspan="2">+r+""+n+"</span>"),t}function c(e,t){var}$ 

a=e.type||"object",c="array"===e.type,f=p+t+"

 $"+(c?"[":"{"}+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map(e.items,function(e){var})?f+="<\!div>"+i:map($ 

 $t{=}e.type||"object"; return \ i.isUndefined (e.\$ref)? i.indexOf(["array","object"],t){>}{-}$ 

sPlainObject(e.items)?f+=i.isUndefined(e.items.\$ref)?i.indexOf(["array","object"],e.items.type||"object")>-1?(i.isUndefined(e.items.type)||"object"===e.items.type)&&i.isUndefined(e.items.properties)?"<div>object</div>": "<div>"+s(e.items)+"</div>":"<div>"+u(e.items,e.items.type)+"</div>":"<div>"+s(e.items,r.simpleRef(e.items.\$ref ))+"</div>":(r.log("Array type's 'items' property is not an array or an object, cannot process"),f+="<div>object</div>");else if(e.\$ref)f+="<div>"+s(e,t)+"</div>";else if("object"===a){if(i.isPlainObject(e.properties)){var m=i.map(e.properties,function(t,a){var s,c,p=i.indexOf(e.required,a)>=0,h=i.cloneDeep(t),f=p?"required":"",d='<span class="propName '+f+'">'+a+"</span> (";return h["default"] = o(h), h = r. resolveSchema(h), c = t. description ||h. description, i. isUndefined(h. \$ref)|| (s = n[r. simpleRef(h. \$ref) || (s = n[r]) || (s = n[r]) || (s = n[r]) || (s =)],i.isUndefined(s)||i.indexOf([void 0, "array", "object"],s.definition.type)!==-1||(h=r.resolveSchema(s.definition))),d+=l(h),p||(d+=', <span class="propOptKey">optional</span>'),t.readOnly&&(d+=', <span class="propReadOnly">read only </ span>'), d+="", i.isUndefined(c)||(d+=': < span class="propDesc">+c+"</ span>"), h["enum"] & (d+='= < span class="propDesc">+c+"</ span class="propDesc"</propDesc">+c+"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc" span class="propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</propDesc"</pclass="propVals">[\"+h["enum"].join("', "')+"']</span>"),"<div"+(t.readOnly?'  $class="readOnly":"")+">"+u(h,d)}).join(",</div>");m&&(f+=m+"</div>")}else$ f = (div) + (e,a) + (div); return f + p + (c?) + h var p = (span)class="strong">',h="</span>";if(i.isObject(arguments[0])&&(e=void  $0,t=arguments[0],n=arguments[1],o=arguments[2]),n=n||\{\},t=r.resolveSchema(t),i.isEmpty(t))return$ p+"Empty"+h;if("string"==typeof t.\$ref&&(e=r.simpleRef(t.\$ref),t=n[e],"undefined"==typeof t))return p+e+" is not defined!"+h;"string"!=typeof e&&(e=t.title||"Inline Model"),t.definition&&(t=t.definition),"function"!=typeof o&&(o=function(e){return(e||{})["default"]});for(var  $f={},d=[],m=0,g=c(t,e);i.keys(f).length>0;)i.forEach(f,function(e,t){var n=i.indexOf(d,t)>-1;delete})$  $f[t],n||(d.push(t),g+="<br/>br/>"+c(e,t))\});$ return g}},{"./helpers":4,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":49,"lodash-compat/array/indexOf":40,"lodash-compat/array/indexOf":40,"lodash-compat/array/indexOf":40,"lodash-compat/array/index compat/collection/forEach":54,"lodash-compat/collection/map":56,"lodash-compat/lang/cloneDeep":138,"lodashcompat/lang/isArray":140,"lodash-compat/lang/isEmpty":141,"lodash-compat/lang/isObject":144,"lodashcompat/lang/isPlainObject":145,"lodash-compat/lang/isUndefined":148,"lodashcompat/object/keys":149}],8:[function(e,t,n){"use strict";var r=e("./http"),i={isObject:e("lodashcompat/lang/isObject")},a=t.exports=function(){this.errors=[],this.warnings=[],this.modelMap={}};a.prototype.set  $DocumentationLocation=function(e){this.docLocation=e}, a.prototype.convert=function(e,t,n,r){if(!e||!Array.isArray})$ (e.apis))return this.finish(r,null);this.clientAuthorizations=t;var i={swagger:"2.0"};i.originalVersion=e.swaggerVersion,this.apiInfo(e,i),this.securityDefinitions(e,i),e.basePath&&t his.setDocumentationLocation(e.basePath);var a,o=!1;for(a=0;a<e.apis.length;a++){var s=e.apis[a]; Array. is Array (s.operations) & (o=!0) o? (this.declaration(e,i), this.finish(r,i)): this. resourceListing(e,i,n,r) or the second sec},a.prototype.declaration=function(e,t){var n,r,a,o;if(e.apis){0===e.basePath.indexOf("http://")?(a=e.basePath.substring("http://".length),o=a.indexOf("/"),o>0? (t.host=a.substring(0,o),t.basePath=a.substring(o)):(t.host=a,t.basePath="/")):0===e.basePath.indexOf("https://")?(a =e.basePath.substring("https://".length),o=a.indexOf("/"),o>0?(t.host=a.substring(0,o),t.basePath=a.substring(o)):(t. host=a,t.basePath="/")):t.basePath=e.basePath;var s; if (e. authorizations & & (s=e. authorizations), e. consumes & & (t. consumes=e. consumes), e. produces & & (t. produces=e. produces & (t. produces=e. produces), e. produces & (t. produces=e. prodroduces), i.isObject(e)) for (n in e.models) {var  $l=e.models[n],u=l.id||n;this.modelMap[u]=n}for(r=0;r<e.apis.length;r++){var}$ c=e.apis[r],p=c.path,h=c.operations;this.operations(p,e.resourcePath,h,s,t)}var f=e.models||{};this.models(f,t)},a.prototype.models=function(e,t){if(i.isObject(e)){var} l=a.properties[r],u={};this.dataType(l,u),l.description&&(u.description=l.description),l["enum"]&&(u["enum"]=l["e num"]),"boolean"==typeof l.required&&l.required===!0&&o.push(r),"string"==typeof l.required&&"true"===l.required&&o.push(r),s.properties[r]=u o.length>0?s.required=o:s.required=a.required,t.def

 $initions[n] = s \} \}, a. prototype. extractTag = function(e) \{ var t = e \| "default"; return a structure of the structure of$ 

 $0!{=}{t.indexOf("http:")\&\&0!{=}{t.indexOf("https:")||(t{=}t.split(["/"]),t{=}t[t.length-indexOf("http:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")||(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.length-indexOf("https:")]|(t{=}t.split(["/"]),t{=}t[t.split(["/"]),t{=}t[t])]|(t{=}t.split(["/"]),t{=}t[t])|(t{=}t.split(["/"]),t{=}t[t])|(t{=}t.split(["/"]),t{=}t[t])|(t{=}t.split(["/"]),t{=}t[t])|(t{=}t.split(["/"]),t{=}t[t])|(t{=}t.split(["/"]),t{=}t[t])|(t{=}t.split(["/"]),t{=}t[t])|(t{=}t.split(["/"]),t{=}t[t])|(t{=}t.split(["/"]),t{=}t[t])|(t{=}t.split(["/"]),t{=}t[t])|(t{=}t.split(["/"]),t{=}t[t])|(t{=}t.split(["/"]),t{=}t[t])|(t{=}t.split(["/"]),t{=}t[t])|(t{=}t.split(["/"]),t{=}t[t])|(t{=}t.split(["/"]),t{=}t[t])|(t{=}t.split(["/"]),t{=}t[t])|(t{=}t.split(["/"]),t{=}t[t])|(t{=}t.split([""]),t{=}t[t])|(t{=}t.split([""]),t{=}t[t])|(t{=}t.split([""]),t{=$ 

1].substring()),t.endsWith(".json")&&(t=t.substring(0,t.length-

".json".length)),t.replace("/","")},a.prototype.operations=function(e,t,n,r,i){if(Array.isArray(n)){var

 $a; i.paths \| (i.paths = \{ \}); var o= i.paths[e] \| \{ \}, s= this.extractTag(t); i.tags= i.tags \| []; var o= i.paths[e] \| \{ \}, s= this.extractTag(t); i.tags= i.tags \| []; var o= i.paths[e] \| \{ \}, s= this.extractTag(t); i.tags= i.tags \| []; var o= i.paths[e] \| \{ \}, s= this.extractTag(t); i.tags= i.tags \| []; var o= i.paths[e] \| \{ \}, s= this.extractTag(t); i.tags= i.tags \| []; var o= i.paths[e] \| \{ \}, s= this.extractTag(t); i.tags= i.tags \| []; var o= i.paths[e] \| \{ \}, s= this.extractTag(t); i.tags= i.tags \| []; var o= i.paths[e] \| \{ \}, s= this.extractTag(t); i.tags= i.tags \| []; var o= i.paths[e] \| \{ \}, s= this.extractTag(t); i.tags= i.tags \| []; var o= i.paths[e] \| \{ \}, s= this.extractTag(t); i.tags= i.tags \| []; var o= i.paths[e] \| \{ \}, s= this.extractTag(t); i.tags= i.tags \| []; var o= i.paths[e] \| \{ \}, s= this.extractTag(t); i.tags= i.tags \| []; var o= i.paths[e] \| \{ \}, s= this.extractTag(t); i.tags= i.tags \| []; var o= i.paths[e] \| \{ \}, s= this.extractTag(t); i.tags= i.tags \| []; var o= i.paths[e] \| \{ \}, s= this.extractTag(t); i.tags= i.tags \| []; var o= i.paths[e] \| \{ \}, s= this.extractTag(t); i.tags= i.tags \| []; var o= i.paths[e] \| \{ \}, s= this.extractTag(t); i.tags= i.tags \| []; var o= i.paths[e] \| \{ \}, s= this.extractTag(t); i.tags= i.tags \| []; var o= i.paths[e] \| \{ \}, s= this.extractTag(t); i.tags= i.tags \| []; var o= i.paths[e] \| \{ \}, s= this.extractTag(t); i.tags= i.tags \| []; var o= i.paths[e] \| \{ \}, s= this.extractTag(t); i.tags= i.tags \| []; var o= i.tags \| []; var o$ 

l=!1;for(a=0;a<i.tags.length;a++){var

 $u=i.tags[a]; u.name===s\&\&(l=!0) for(l||i.tags.push({name:s}),a=0;a< n.length;a++) {varantee} for({name:s}),a=0;a< n.length;a++) {varantee} for({name:s}),a=0;a++) {varantee} for({name:s}),a=0;a++) {varantee} for({name:s}),a=0;a++) {varantee} fo$ 

 $c=n[a],p=(c.method||c.httpMethod).toLowerCase(),h=\{tags:[s]\},f=c.authorizations; if(f\&&0===Object.keys(f).lengt h\&\&(f=r),"undefined"!=typeof f){var d;for(var m in f){h.security=h.security||[];var g=f[m];if(g){var y=[];for(var v in g)y.push(g[v].scope);d={},d[m]=y,h.security.push(d)}else$ 

 $d=\{\},d[m]=[],h.security.push(d)\}\}c.consumes?h.consumes=c.consumes:i.consumes&&(h.consumes=i.consumes),c. produces?h.produces=c.produces:i.produces&&(h.produces=i.produces),c.summary&&(h.summary=c.summary),c.n otes&&(h.description=c.notes),c.nickname&&(h.operationId=c.nickname),c.deprecated&&(h.deprecated=c.deprecated),this.authorizations(f,i),this.parameters(h,c.parameters,i),this.responseMessages(h,c,i),o[p]=h}i.paths[e]=o\},a.pr ototype.responseMessages=function(e,t){if(i.isObject(t))}var$ 

 $n=\{\};$ this.dataType(t,n),!n.schema&&n.type&&(n={schema:n}),e.responses=e.responses||{};var

 $s=o[a],l=\{description:s.message\};200===s.code\&\&(r=!0),s.responseModel\&\&(l.schema=\{\$ref:"\#/definitions/"+s.responseModel\}),e.responses[""+s.code]=l\} r?e.responses["default"]=n:e.responses[200]=n} \},a.prototype.authorizations=function(e){!i.isObject(e)},a.prototype.parameters=function(e,t){if(Array.isArray(t))} var n;for(n=0;n<t.length;n++){var}$ 

 $r=t[n],i=\{\};if(i.name=r.name,i.description=r.description,i.required=r.required,i["in"]=r.paramType,"body"===i["in"]\&\&(i["and the mathematical strength str$ 

 $1),a=this.toJsonSchema(\{type:i\});return\{type:"array",items:a\} if("int"===n||"integer"===n\&\&"int32"===r)return\{type:"integer",format:"int32"};if("long"===n||"integer"===n\&\&"int64"===r)return\{type:"integer",format:"int64"};if("float"===n||"number"===n\&\&"float"===r)return{type:"nteger",format:"float"};if("double"===n||"number"===n\&\&"double"===r)return{type:"nteger",format:"double"};if("string"===n\&\&"date-time"===r||"date"===n)return{type:"string",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time",format:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date-time:"date$ 

 $time"; if("string"===n)return{type:"string"}; if("file"===n)return{type:"file"}; if("boolean"===n)return{type:"boolean"}; if("boolean"===n)return{type:"boolean"}; if("array"===n||"list"===n){if(e.items){var}}$ 

o=this.toJsonSchema(e.items);return{type:"array",items:o}}return{type:"array",items:{type:"object"}}return

 $e.$ref?{$ref:this.modelMap[e.$ref]?"#/definitions/"+this.modelMap[e.$ref]:e.$ref}:"void"===n||""===n?{}:this.modelMap[e.type]?{$ref:"#/definitions/"+this.modelMap[e.type]}:{type:e.type}}, a.prototype.resourceListing=function (e,t,n,i){var}}$ 

a,o=0,s=this,l=e.apis.length,u=t,c={};n&&n.requestInterceptor&&(c.requestInterceptor=n.requestInterceptor),n&& n.responseInterceptor&&(c.responseInterceptor=n.responseInterceptor);var

 $\label{eq:p} p="application/json"; for(n\&\&n.swaggerRequestHeaders\&\&(p=n.swaggerRequestHeaders), 0===l\&\&this.finish(i,t), a=0; a<l; a++) \{var = 0, a<l; a++\} \{var = 0$ 

 $\label{eq:heat} h=e.apis[a], f=h.path, d=this.getAbsolutePath(e.swaggerVersion, this.docLocation, f); h.description\&\&(t.tags=t.tags||[], t.tags.push({name:this.extractTag(h.path), description:h.description}||""})); var$ 

 $m=\{url:d,headers:\{accept:p\},on:\{\},method:"get",timeout:n.timeout\};m.on.response=function(e)\{o+=1;var t=e.obj;t\&\&s.declaration(t,u),o===l\&\&s.finish(i,u)\},m.on.error=function(e)\{console.error(e),o+=1,o===l\&\&s.finish(i,u)\},this.clientAuthorizations\&\&"function"==typeof$ 

this.clientAuthorizations.apply&&this.clientAuthorizations.apply(m),(new

0 == n.indexOf("http:")||0 == n.indexOf("https:")?i = n:(t.endsWith("/")&&(i = t.substring(0, t.length-indexOf("http:"))||0 == n.indexOf("https:")?i = n:(t.endsWith("/")&&(i = t.substring(0, t.length-indexOf("https:")?i = n:(t.endsWith("https:")?i = n:(t.endsWith("https:")?i = n:(t.endsWith("https:"))&(i = t.substring(0, t.length-indexOf("https:")?i = n:(t.endsWith("https:")?i = n:(t.endsWith("https:")?i

 $1)), i+=n), i=i.replace("{format}", "json")}, a. prototype. security Definitions=function(e,t){if(e.authorizations){var n; for(n in e.authorizations){var n; for(n in e.author$ 

 $\label{eq:relation} r=!1,i=\{vendorExtensions:\{\}\},a=e.authorizations[n];if("apiKey"===a.type)i.type="apiKey",i["in"]=a.passAs,i.name =a.keyname||n,r=!0;else if("basicAuth"===a.type)i.type="basicAuth",r=!0;else if("oauth2"===a.type){var o,s=a.scopes||[],l={};for(o in s){var}}$ 

 $p=a.grantTypes.authorization\_code; i.flow="accessCode", i.authorizationUrl=p.tokenRequestEndpoint.url, i.tokenUrl=p.tokenEndpoint.url, r=!0} } r&&(t.securityDefinitions=t.securityDefinitions||{}, t.securityDefinitions[n]=i)}}, a.prototype.apiInfo=function(e,t){if(e.info){var}} } }$ 

 $n=e.info;t.info=\{\},n.contact\&\&(t.info.contact=\{\},t.info.contact.email=n.contact),n.description\&\&(t.info.description =n.description),n.title\&\&(t.info.title=n.title),n.termsOfServiceUrl\&\&(t.info.termsOfService=n.termsOfServiceUrl),(n.license||n.licenseUrl)\&\&(t.license=\{\},n.license\&\&(t.license.name=n.license),n.licenseUrl\&\&(t.license.url=n.licen seUrl))\}else this.warnings.push("missing info section")\},a.prototype.finish=function(e,t){e(t)}},{"./http":5,"lodash-compat/lang/isObject":144}],9:[function(e,t,n){"use strict";var r=(e("../helpers").log,{isPlainObject:e("lodash-compat/lang/isString")}),i=e("../schema-markup.js"),a=e("js-yaml"),o=t.exports=function(e,t,n,r){return}$ 

 $this.definition=t||{},this.isArray="array"===t.type,this.models=n||{},this.name=e||t.title||"Inline this.definition=t||{},this.name=e||t.title||"Inline this.definition=t||{},this.name=e||t.title||"Inline this.definition=t||{},this.name=e||t.title||"Inline this.definition=t||{},this.name=e||t.title||"Inline this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.definition=this.def$ 

Model",this.modelPropertyMacro=r||function(e){return

 $e=e||\{\},e[this.name]=this,this.examples\&\&r.isPlainObject(this.examples)\&\&this.examples["application/json"]?(this .definition.example=this.examples["application/json"],r.isString(this.definition.example)\&\&(this.definition.example=this.examples),i.schemaToJ SON(this.definition.example))):this.definition.example||(this.definition.example=this.examples),i.schemaToJ SON(this.definition,this.models,e,this.modelPropertyMacro)},o.prototype.getMockSignature=function(){return i.schemaToHTML(this.name,this.definition,this.models,this.modelPropertyMacro)},{"../helpers":4,"../schema-markup.js":7,"js-yaml":19,"lodash-compat/lang/isPlainObject":145,"lodash-$ 

 $compat/lang/isString":146\}], 10:[function(e,t,n){"use strict";function r(e,t){if(i.isEmpty(t))return e[0];for(var n=0,r=t.length;n<r;n++)if(e.indexOf(t[n])>-1)return t[n];return e[0]}var i={cloneDeep:e("lodash-order of the strict")return e[0]}var i={cloneDeep:e("lodash-order of t$ 

compat/lang/cloneDeep"), is Undefined: e("lodash-compat/lang/is Undefined"), is Empty: e("lodash-compat/lang/is Empty"), is Object: e("lodash-

compat/lang/isObject")},a=e("../helpers"),o=e("./model"),s=e("../http"),l=e("q"),u=t.exports=function(e,t,n,r,i,s,l,u,c) {var

 $p=[];e=e||\{\},s=s||\{\},e\&\&e.options\&\&(this.client=e.options.client||null,this.requestInterceptor=e.options.requestInterceptor=e.options.requestInterceptor||null,this.requestAgent=e.options.requestAgent),this.authorizations=s.security,this.basePath=e.basePath||"/",this.clientAuthorizations=c,this.consumes=s.consumes||e.consumes||["application/json"],this.produces=s.produces||e.produces||["application/json"],this.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecated=s.deprecateg=s.deprecateg=s.deprecateg=s.deprecateg=s.deprecateg=s.deprecateg=s.deprecateg=s.deprecateg=s.deprecateg=s.deprecateg=s.deprecateg=s.deprecateg=s.deprecateg=s.deprecateg=s.deprecateg=s.deprec$ 

 $method."), this.models=u \| \{ \}, this.nickname=n \| p.push ("Operations must have a$ 

 $\label{eq:linear} nickname."), this.operation=s, this.operations={}, this.parameters=null!==s?s.parameters||[]:{}, this.parent=e, this.path=i||p.push("Operation "+this.nickname+" is missing to be a structure of the structure$ 

path."),this.responses=s.responses||{},this.scheme=t||e.scheme||"http",this.schemes=s.schemes||e.schemes,this.securit y=s.security||e.security,this.summary=s.summary||"",this.timeout=e.timeout,this.type=null,this.useJQuery=e.useJQu ery,this.jqueryAjaxCache=e.jqueryAjaxCache,this.enableCookies=e.enableCookies;var h;if(this.host||("undefined"!=typeof

window? this.host=window.location.host: this.host="localhost"), this.parameterMacro=e.parameterMacro||function(e,t)| function(e,t)| for the this.basePath.shost="localhost"), this.inlineModels=[], "/"!==this.basePath&&"/"===this.basePath.shost="localhost"), this.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro=e.parameterMacro

1)&&(this.basePath=this.basePath.slice(0,-1)),"string"==typeof

this.deprecated)switch(this.deprecated.toLowerCase()){case"true":case"yes":case"1":this.deprecated=!0;break;case" false":case"no":case"0":case null:this.deprecated=!1;break;default:this.deprecated=Boolean(this.deprecated)}var

 $l{=}\{ \}; for(f{=}0; f{<}this.parameters.length; f{+}+) \{ var$ 

m,g=this.parameters[f];g["default"]=this.parameterMacro(this,g), "array"===g.type&&(g.isList=!0,g.allowMultiple=!0); var

y=this.getType(g);y&&"boolean"===y.toString().toLowerCase()&&(g.allowableValues={},g.isList=!0,g["enum"]= [!0,!1]);for(h in g)a.extractExtensions(h,g);"undefined"!=typeof g["x-example"]&&(m=g["x-

example"],g["default"]=m),g["x-examples"]&&(m=g["x-examples"]["default"],"undefined"!=typeof

 $m\&\&(g["default"]=m)); var \ v=g["enum"]||g.items\&\&g.items["enum"]; if("undefined"!=type of \ v) \{var \ var \ var$ 

b;for(g.allowableValues={},g.allowableValues.values=[],g.allowableValues.descriptiveValues=[],b=0;b<v.length;b++){var

 $w=v[b],\_=w===g["default"]||w+""===g["default"]; g. allowable Values.values.push(w), g. allowable Values.descriptive Values.push({value:w+"",isDefault:_})}"array"===g.type & (y=[y], "undefined"==type of Values.push(w), g. allowable Values.descriptive Values.push(w), g. allowable Values.push(w), g$ 

 $g. allowable Values \&\& (delete\ g. is List, delete$ 

 $g.allowMultiple)), g.modelSignature = \{type:y, definitions: this.models\}, g.signature = this.getModelSignature(y, this.models), toString(), g.sampleJSON = this.getModelSampleJSON(y, this.models), g.responseClassSignature = g.signature \} var r$ 

 $x,A,S,j=this.responses; j[200]?(S=j[200],A="200"): j[201]?(S=j[201],A="201"): j[202]?(S=j[202],A="202"): j[203]?(S=j[203],A="203"): j[204]?(S=j[204],A="204"): j[205]?(S=j[205],A="205"): j[206]?(S=j[206],A="206"): j["default"] & (S=j["default"],A="default"); for(x in j) if (a.extractExtensions(x,j), "string"==typeof x&&x.indexOf("x-")===-1) { var E=j[x]; if ("object"==typeof E&&"object"==typeof E.headers) { var O=E.headers; for(var k in O) { var } } }$ 

T=O[k]; if ("object" == type of T) for (var C in T)a.extractExtensions(C,T)} if (S) for (x in

S)a.extractExtensions(x,S);if(S&&S.schema){var I,D=this.resolveModel(S.schema,I);delete

j[A],D?(this.successResponse={},I=this.successResponse[A]=D):S.schema.type&&"object"!==S.schema.type&&"a rray"!==S.schema.type?(this.successResponse={},I=this.successResponse[A]=S.schema):(this.successResponse={}, I=this.successResponse[A]=new o((void

 $0), S. schema \| \{ \}, this.models, e.modelPropertyMacro)), I\&\& (I.vendorExtensions=S.vendorExtensions, S.description\& S.description& S.descr$ 

 $\label{eq:sciption} \& (I.description = S.description), S.examples \& \& (I.examples = S.examples), S.headers \& \& (I.headers = S.headers)), this.type = S \ e = S \ return$ 

 $p.length>0\&\&this.resource\&\&this.resource.api\&\&this.resource.api.fail\&\&this.resource.api.fail(p),this}; u.prototype .isDefaultArrayItemValue=function(e,t){return}$ 

t["default"]&& Array. is Array(t["default"])?t["default"]. index Of(e)! == -

1:e===t["default"]},u.prototype.getType=function(e){var

t,n=e.type,r=e.format,i=!1;"integer"===n&&"int32"===r?t="integer":"integer"===n&&"int64"===r?t="long":"integer":==n&&"int64"===r?t="long":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer":"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integer:"integ

 $time":"date"===r?"date":"string":"number"===n\&\&"float"===r?t="float":"number"===n\&\&"double"===r?t="double":"number"===n?t="boolean":"array"===n?(i=!0,e.items\&\&(t=this.getType(e.items))):"file"===n\&\&(t="file"),e.$ref\&\&(t=a.simpleRef(e.$ref));var o=e.schema;if(o){var s=o.$ref;}$ 

 $return \ s? (s=a.simpleRef(s), i?[s]:s): "object"===o.type? this.addInlineModel(o): this.getType(o) \} return \ s?(s=a.simpleRef(s), i?[s]:s): "object"==o.type? this.addInlineModel(o): this.getType? this.addI$ 

 $i?[t]:t\}, u.prototype.addInlineModel=function(e) \{var \ t=this.inlineModels.length, n=this.resolveModel(e, \{\}); return \ t=this.resolveModel(e, \{\})$ 

n?(this.inlineModels.push(n),"Inline Model "+t):null},u.prototype.getInlineModel=function(e){if(/^Inline Model \d+\$/.test(e)){var t=parseInt(e.substr("Inline Model".length).trim(),10),n=this.inlineModels[t];return n}return null},u.prototype.resolveModel=function(e,t){if("undefined"!=typeof e.\$ref){var n=e.\$ref;if(0===n.indexOf("#/definitions/")&&(n=n.substring("#/definitions/".length)),t[n])return new o(n,t[n],this.models,this.parent.modelPropertyMacro)}else if(e&&"object"==typeof e&&("object"===e.type||i.isUndefined(e.type)))return new o((void 0),e,this.models,this.parent.modelPropertyMacro);return null},u,prototype.help=function(e){for(var t=this.nickname+": "+this.summary+"\n",n=0;n<this.parameters.length;n++){var r=this.parameters[n],i=r.signature;t+="\n \* "+r.name+" ("+i+"): "+r.description}return"undefined"==typeof e&&a.log(t),t},u.prototype.getModelSignature=function(e,t){var n,r;return e instanceof Array&&(r=!0,e=e[0]),"undefined"==typeof e?(e="undefined",n=!0):t[e]?(e=t[e],n=!1):this.getInlineModel(e)?(e=this.getInlineModel(e),n=!1):n=!0,n?r?"Array[ "+e+"]":e.toString():r?"Array["+e.getMockSignature()+"]":e.getMockSignature()},u.prototype.supportHeaderParam s=function(){return!0},u.prototype.supportedSubmitMethods=function(){return this.parent.supportedSubmitMethods},u.prototype.getHeaderParams=function(e){for(var  $t=this.setContentTypes(e,{}),n={},r=0;r<this.parameters.length;r++){var}$ i=this.parameters[r];"header"===i["in"]&&(n[i.name.toLowerCase()]=i)}for(var a in e){var o=n[a.toLowerCase()];if("undefined"!=typeof o){var  $s=e[a];Array.isArray(s)\&\&(s=s.toString()),t[o.name]=s}$ return t},u.prototype.urlify=function(e,t){for(var is Array)} for(var is Array) f  $n=\{\},r=this.path.replace(/#.*/,""),i="",a=0;a<this.parameters.length;a++){var}$ o=this.parameters[a];if("undefined"!=typeof e[o.name]){var s;if("string"===0.type&&"password"===0.format&&t&&(s=!0),"path"===0["in"]){var l=new RegExp("{"+o.name+"}","gi"),u=e[o.name];u=Array.isArray(u)?this.encodePathCollection(o.collectionFormat,o.na me,u,s):this.encodePathParam(u,s),r=r.replace(l,u)}else if("query"===o["in"]&&"undefined"!=typeof  $e[o.name])if(i+=""===i\&\&r.indexOf("?")<0?"?":"\&","undefined"!=typeof o.collectionFormat){var}$ c=e[o.name];i+=Array.isArray(c)?this.encodeQueryCollection(o.collectionFormat,o.name,c,s):this.encodeQueryKey(o.name)+"="+this.encodeQueryParam(e[o.name],s)}else i+=this.encodeQueryKey(o.name)+"="+this.encodeQueryParam(e[o.name],s);else"formData"===o["in"]&&(n[o.na me]=e[o.name])}}var p=this.scheme+"://"+this.host;return"/"!==this.basePath&&(p+=this.basePath),p+r+i},u.prototype.getMissingParam s=function(e){var t,n=[];for(t=0;t<this.parameters.length;t++){var r=this.parameters[t];r.required===!0&&"undefined"==typeof e[r.name]&&(n=r.name)return n},u.prototype.getBody=function(e,t,n){for(var  $r,i,a,o,s,l=\{\},u=!1,p=0;p<this.parameters.length;p++)if(i=this.parameters[p],"undefined"!=typeoft[i.name]){var}$ h;"string"===i.type&&"password"===i.format&&(h="password"),"body"===i["in"]?a=t[i.name]:"formData"===i[" in"]&&(l[i.name]={param:i,value:t[i.name],password:h},r=!0)}else"body"===i["in"]&&(u=!0);if(u&&"undefined" ==typeof a){var f=e["Content-Type"]; $f\&0==f.indexOf("application/json")\&(a="{}")}var d=!1;if(e["Content-type"];f\&0==f.indexOf("application/json")&(a="{}")}var d=!1;if(e["Content-type"];f\&0==f.indexOf("application/json")&(a="{}")}var d=!1;if(e["Content-type"];f\&0==f.indexOf("application/json")&(a="{}")}var d=!1;if(e["Content-type"];f\&0==f.indexOf("application/json")&(a="{}")}var d=!1;if(e["Content-type"];f\&0==f.indexOf("application/json")&(a="{}")}var d=!1;if(e["Content-type"];f\&0==f.indexOf("application/json")&(a="{}")}var d=!1;if(e["Content-type"];f\&0==f.indexOf("application/json")&(a="{}")}var d=!1;if(e["Content-type"];f\&0==f.indexOf("application/json")&(a="{}")}var d=!1;if(e["Content-type"];f\&0==f.indexOf("application")&(a=""{}")}var d=!1;if(e["Content-type"];f\&0==f.indexOf("application")&(a=""{}")}var d=!1;if(e["Content-type"];f\&0==f.indexOf("application")&(a=""{}")}var d=!1;if(e["Content-type"];f\&0==f.indexOf("application")&(a=""{}")}var d=!1;if(e["Content-type"])&(a=""{}")}var d=!1;if(e["Content-type"])&(a="""{}")}var d=!1;if(e["Content-ty$ Type"]&&e["Content-Type"].indexOf("multipart/form-data")>=0&&(d=!0),r&&!d){var m="";for(o in l){i=l[o].param,s=l[o].value;var g;n&&n.maskPasswords&&(g=l[o].password),"undefined"!=typeof s&&(Array.isArray(s)?(""!==m&&(m+="&"),m+=this.encodeQueryCollection(i.collectionFormat,o,s,g)):(""!==m& (m+="&"),m+=encodeURIComponent(o)+"="+c(encodeURIComponent(s),g))}a=m}else if(d){var} y;if("function"==typeof FormData){y=new FormData,y.type="formData";for(o in l)if(i=l[o].param,s=t[o],"undefined"!=typeof s)if("[object File]"==={}.toString.apply(s))y.append(o,s);else if("file"===s.type&&s.value)y.append(o,s.value);else  $if(Array.isArray(s))if("multi"===i.collectionFormat){y["delete"](0);for(var v in s)y.append(0,s[v])}else$ y.append(o,this.encodeQueryCollection(i.collectionFormat,o,s).split("=").slice(1).join("="));else y.append(o,s);a=y}else{y={};for(o in l)if(s=t[o],Array.isArray(s)){var b,w=i.collectionFormat||"multi";if("ssv"===w)b=" ";else if("pipes"===w)b="|";else

 $if("tsv"===w)b="\t";else{if("multi"===w){y[o]=s;break}b=","}var$ 

\_;s.forEach(function(e){\_?\_+=b:\_="",\_+=e}),y[o]=\_}else y[o]=s;a=y}e["Content-Type"]="multipart/formdata"}return a},u.prototype.getModelSampleJSON=function(e,t){var n,r,a;if(t=t||{},n=e instanceof Array,a=n?e[0]:e,t[a]?r=t[a].createJSONSample():this.getInlineModel(a)&&(r=this.getInlineModel(a).createJSONS ample()),r){if(r=n?[r]:r,"string"==typeof r)return r;if(i.isObject(r)){var o=r;if(r instanceof Array&&r.length>0&&(o=r[0]),o.nodeName&&"Node"==typeof o){var s=(new XMLSerializer).serializeToString(o);return this.formatXml(s)}return JSON.stringify(r,null,2)}return

 $r\},u.prototype["do"]=function(e,t,n,r,i){return this.execute(e,t,n,r,i)},u.prototype.execute=function(e,t,n,r,o){var u,c,p,h,f=e||{},d={};i.isObject(t)&&(d=t,u=n,c=r),h="undefined"!=typeof$ 

 $\label{eq:lineout} d.timeout:this.timeout,this.client&\&(d.client=this.client),this.requestAgent&\&(d.requestAgent=this.requestAgent), !d.requestInterceptor&&this.requestInterceptor&&(d.requestInterceptor=this.requestInterceptor), !d.response eInterceptor&&this.responseInterceptor&&(d.responseInterceptor=this.responseInterceptor), "function"==typeof t&&(u=t,c=n), this.parent.usePromise?p=1.defer():(u=u||this.parent.defaultSuccessCallback||a.log,c=c||this.parent.def aultErrorCallback||a.log), "undefined"==typeof d.useJQuery&&(d.useJQuery=this.useJQuery), "undefined"==typeof d.jqueryAjaxCache=this.jqueryAjaxCache), "undefined"==typeof$ 

d.enableCookies&&(d.enableCookies=this.enableCookies);var m=this.getMissingParams(f);if(m.length>0){var g="missing required params: "+m;return a.fail(g),this.parent.usePromise?(p.reject(g),p.promise):(c(g,o),{})}var y,v=this.getHeaderParams(f),b=this.setContentTypes(f,d),w={};for(y in v)w[y]=v[y];for(y in b)w[y]=b[y];var \_\_=this.getBody(b,f,d),x=this.urlify(f,d.maskPasswords);if(x.indexOf(".{format}")>0&&w){var

A=w.Accept||w.accept;A&&A.indexOf("json")>0?x=x.replace(".{format}",".json"):A&&A.indexOf("xml")>0&&( x=x.replace(".{format}",".xml"))}var

 $S = \{url:x, method: this.method.toUpperCase(), body:\_, enableCookies: d.enableCookies, useJQuery: d.useJQuery, jquery AjaxCache: d.jqueryAjaxCache, deferred: p, headers: w, clientAuthorizations: d.clientAuthorizations, operation: this, connectionAgent; this.connectionAgent, on: {response: function(e) {return}} \\$ 

p?(p.resolve(e),p.promise):u(e,o)},error:function(e){return p?(p.reject(e),p.promise):c(e,o)}}};return h&&(S.timeout=h),this.clientAuthorizations.apply(S,this.operation.security),d.mock===!0?S:(new

 $s).execute(S,d)\}, u.prototype.setContentTypes=function(e,t) \{var$ 

 $n,i,o=this.parameters,s=e.parameterContentType||r(this.consumes,["application/json","application/yaml"]),l=t.responseContentType||r(this.produces,["application/json","application/yaml"]),u=[],c=[],p={};for(i=0;i<0.length;i++){var h=o[i];if("formData"===h["in"])"file"===h.type?u.push(h):c.push(h);else if("header"===h["in"]&&t){var f=h.name,d=t[h.name];"undefined"!=typeof t[h.name]&&(p[f]=d)}else"body"===h["in"]&&:undefined"!=typeof$ 

e[h.name]&&(n=e[h.name])}var

 $\label{eq:method} m=n\|u.length\|c.length; if("post"===this.method||"put"===this.method||"patch"===this.method||("delete"===this.method||"get"===this.method)&&m) { if(t.requestContentType&&(s=t.requestContentType), c.length>0) { if(s=void 0,t.requestContentType) = t.requestContentType; else if(u.length>0) = "multipart/form-data"; else the set of the$ 

if(this.consumes&&this.consumes.length>0)for(var g in this.consumes){var

y = this.consumes[g]; 0! == y.indexOf("application/x-www-form-urlencoded") & & 0! == y.indexOf("multipart/form-urlencoded") & with the set of the set of

 $data") \| (s=y) \} "undefined" == type of s \& \& (s="application/x-www-form-urlencoded") \} \\ else s=null; return and the set of the s$ 

s&&this.consumes&&this.consumes.indexOf(s)===-1&&a.log("server doesn't consume "+s+", try

 $"+JSON.stringify (this.consumes)), this.matchesAccept (1) \\ \|a.log("server can't produce"), this.matchesAc$ 

"+l),s&&""!==n||"application/x-www-form-urlencoded"===s?p["Content-

Type"]=s:this.consumes&&this.consumes.length>0&&"application/x-www-form-

urlencoded"===this.consumes[0]&&(p["Content-

 $Type"]=this.consumes[0]), l\&\&(p.Accept=l), p\}, u.prototype.matchesAccept=function(e){return!e||!this.produces||(this.produces.indexOf(e)!==-1||this.produces.indexOf("*/*")!==-1)}, u.prototype.asCurl=function(e,t){var}$ 

n={mock:!0,maskPasswords:!0};if("object"==typeof t)for(var r in t)n[r]=t[r];var

a=this.execute(e,n);this.clientAuthorizations.apply(a,this.operation.security);var o=[];if(o.push("-X

"+this.method.toUpperCase()),"undefined"!=typeof a.headers){var s;for(s in a.headers){var

 $l=a.headers[s];"string"==typeof l\&\&(l=l.replace(/'/g,"\u0027")), o.push("--header '''+s+": "+l+"''')} var$ u=!1,p=!1,h=a.headers["Content-Type"];if(h&&0===h.indexOf("application/x-www-formurlencoded")?u=!0:h&&0===h.indexOf("multipart/form-data")&&(u=!0,p=!0),a.body){var f;if(i.isObject(a.body)){if(p){p=!0;for(var d=0;d<this.parameters.length;d++){var m=this.parameters[d];if("formData"===m["in"]){f||(f="");var g;if(g="function"==typeof FormData&&a.body instanceof FormData?a.body.getAll(m.name):a.body[m.name])if("file"===m.type)g.name&&(f+="-F "+m.name+'=@"'+g.name+"" ');else if(Array.isArray(g))if("multi"===m.collectionFormat)for(var y in g)f+="-F "+this.encodeQueryKey(m.name)+"="+c(g[y],m.format)+" ";else f+="-F "+this.encodeQueryCollection(m.collectionFormat,m.name,c(g,m.format))+" ";else f+="-F "+this.encodeQueryKey(m.name)+"="+c(g,m.format)+" "}}{f](f=JSON.stringify(a.body))}else  $f=a.body; f=f.replace(/\/g, "\% 27").replace(/n/g, "\\\n "),u||(f=f.replace(/&/g, "\% 26")),p?o.push(f):o.push("-d-f.replace(/&/g, "\% 26")),p?o.push(f):o.push("-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.replace(/-d-f.repla$ "+f.replace(/@/g,"%40")+""")}return"curl "+o.join(" ")+" "+a.url+""},u.prototype.encodePathCollection=function(e,t,n,r){var i,a="",o=""; for(o="ssv"===e?"%20":"tsv"===e?"%09":"pipes"===e?"|":",",i=0;i<n.length;i++)0===i?a=this.encodeQueryParam(n[i],r):a+=o+this.encodeQueryParam(n[i],r);return a},u.prototype.encodeQueryCollection=function(e,t,n,r){var i,a="";if(e=e||"default","default"===e||"multi"===e)for(i=0;i<n.length;i++)i>0&&(a+="&"),a+=this.encodeQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQueryKeineQy(t)+"="+c(this.encodeQueryParam(n[i]),r);else{var o="";if("csv"===e)o=",";else if("ssv"===e)o="%20";else if("ssv"==e)o="%20";else if("s if("tsv"===e)o="%09";else if("pipes"===e)o="|";else if("brackets"===e)for(i=0;i<n.length;i++)0!==i&&(a+="&"),a+=this.encodeQueryKey(t)+"[]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(this.encodeQueryKey(t)+"]="+c(thiyParam(n[i]),r);if(""!==0)for(i=0;i<n.length;i++)0===i?a=this.encodeQueryKey(t)+"="+this.encodeQueryParam(n[i]),r);if(""!==0)for(i=0;i<n.length;i++)0===i?a=this.encodeQueryKey(t)+"="+this.encodeQueryParam(n[i]),r);if(""!==0)for(i=0;i<n.length;i++)0===i?a=this.encodeQueryKey(t)+"="+this.encodeQueryParam(n[i]),r);if(""!==0)for(i=0;i<n.length;i++)0===i?a=this.encodeQueryKey(t)+"="+this.encodeQueryParam(n[i]),r);if("":=0)for(i=0;i<n.length;i++)0===i?a=this.encodeQueryKey(t)+"="+this.encodeQueryParam(n[i]),r);if("":=0)for(i=0;i<n.length;i++)0===i?a=this.encodeQueryKey(t)+"="+this.encodeQueryParam(n[i]),r);if("":=0)for(i=0;i<n.length;i++)0===i?a=this.encodeQueryKey(t)+"="+this.encodeQueryParam(n[i]),r);if("":=0)for(i=0;i<n.length;i++)0===i?a=this.encodeQueryKey(t)+"="+this.encodeQueryParam(n[i]),r);if("":=0)for(i=0;i<n.length;i++)0===i?a=this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQueryKey(t)+"="+this.encodeQ]):a+=o+this.encodeQueryParam(n[i])}return a},u.prototype.encodeQueryKey=function(e){return encodeURIComponent(e).replace("%5B","[").replace("%5D","]").replace("%24","\$")},u.prototype.encodeQueryPar am=function(e,t){return t?"\*\*\*\*\*\*":encodeURIComponent(e)},u.prototype.encodePathParam=function(e,t){return encodeURIComponent(e,t)};var c=function(e,t){return"string"==typeof t&&"password"===t?"\*\*\*\*\*":e}},{"../helpers":4,"../http":5,"./model":9,"lodashcompat/lang/cloneDeep":138,"lodash-compat/lang/isEmpty":141,"lodash-compat/lang/isObject":144,"lodashcompat/lang/isUndefined":148,q:157}],11:[function(e,t,n){"use strict";var  $r=t.exports=function(e,t,n,r){this.description=t,this.externalDocs=n,this.name=e,this.operation=r,this.operationsArra$  $y=[],this.path=e,this.tag=e];r.prototype.sort=function(){}},{}],12:[function(e,t,n){function r(){if(!s){s=!0;for(var})}},12:[function(e,t,n){function r(){if(!s){s=!0;for(var})}},12:[function(e,t,n){function r(){if(!s){s=!0;for(var})}}]$ e,t=0.length;t; e=0,0=[]; for(var n=-1;++n<t;)e[n](); t=0.length s=!1 function i() var  $a=t.exports=\{\},o=[],s=!1;a.nextTick=function(e)\{o.push(e),s||setTimeout(r,0)\},a.title="browser",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browser=!0,a.env",a.browse$ ={},a.argv=[],a.version="",a.versions={},a.on=i,a.addListener=i,a.once=i,a.off=i,a.removeListener=i,a.removeAllLi steners=i,a.emit=i,a.binding=function(e){throw new Error("process.binding is not supported")},a.cwd=function(){return"/"},a.chdir=function(e){throw new Error("process.chdir is not supported")},a.umask=function(){return 0}},{],13:[function(e,t,n){(function(e){!function(){"use strict";function n(t){var n;return n=t instanceof e?t:new e(t.toString(),"binary"),n.toString("base64")}t.exports=n}()}).call(this,e("buffer").Buffer)},{buffer:14}],14:[functio n(e,t,n){function r(){return i.TYPED\_ARRAY\_SUPPORT?2147483647:1073741823}function i(e){return this instanceof i?(this.length=0,this.parent=void 0,"number"==typeof e?a(this,e):"string"==typeof e?o(this,e,arguments.length>1?arguments[1]:"utf8"):s(this,e)):arguments.length>1?new i(e,arguments[1]):new i(e) function a(e,t) {if(e=d(e,t<0?0:0|m(t)), !i.TYPED\_ARRAY\_SUPPORT) for(var n=0;n<t;n++)e[n]=0;return e}function o(e,t,n){"string"==typeof n&&""!==n||(n="utf8");var r=0|y(t,n);return e=d(e,r),e.write(t,n),e}function s(e,t){if(i.isBuffer(t))return l(e,t);if(Q(t))return u(e,t);if(null==t)throw new TypeError("must start with number, buffer, array or string");if("undefined"!=typeof ArrayBuffer){if(t.buffer instanceof ArrayBuffer)return c(e,t);if(t instance of ArrayBuffer)return p(e,t) return t.length?h(e,t):f(e,t) function l(e,t) var n=0 m(t.length); return e=d(e,n),t.copy(e,0,0,n),efunction u(e,t){var n=0|m(t.length);e=d(e,n);for(var r=0;r<n;r+1)e[r]=255&t[r];return e}function c(e,t){var n=0|m(t.length);e=d(e,n);for(var r=0;r<n;r+=1)e[r]=255&t[r];return e}function p(e,t){return

i.TYPED ARRAY SUPPORT?(t.byteLength,e=i. augment(new Uint8Array(t))):e=c(e,new  $Uint8Array(t)), e function h(e,t) \{var n=0 | m(t.length); e=d(e,n); for(var r=0; r<n; r+=1)e[r]=255\&t[r]; return e \} function h(e,t) \{var n=0 | m(t.length); e=d(e,n); for(var r=0; r<n; r+=1)e[r]=255\&t[r]; return e \} function h(e,t) \{var n=0 | m(t.length); e=d(e,n); for(var r=0; r<n; r+=1)e[r]=255\&t[r]; return e \} function h(e,t) \{var n=0 | m(t.length); e=d(e,n); for(var r=0; r<n; r+=1)e[r]=255\&t[r]; return e \} function h(e,t) \{var n=0 | m(t.length); e=d(e,n); for(var r=0; r<n; r+=1)e[r]=255\&t[r]; return e \} function h(e,t) \{var n=0 | m(t.length); e=d(e,n); for(var r=0; r<n; r+=1)e[r]=255\&t[r]; return e \} function h(e,t) \{var n=0 | m(t.length); e=d(e,n); for(var r=0; r<n; r+=1)e[r]=255\&t[r]; return e \} function h(e,t) \{var n=0 | m(t.length); e=d(e,n); for(var r=0; r<n; r+=1)e[r]=255\&t[r]; return e \} function h(e,t) \{var n=0 | m(t.length); e=d(e,n); for(var r=0; r<n; r+=1)e[r]=255\&t[r]; return e \} function h(e,t) \{var n=0 | m(t.length); e=d(e,n); for(var r=0; r<n; r+=1)e[r]=255\&t[r]; return e \} function h(e,t) \{var n=0 | m(t.length); e=d(e,n); for(var r=0; r<n; r+=1)e[r]=255\&t[r]; return e \} function h(e,t) \{var n=0 | m(t.length); e=d(e,n); for(var r=0; r<n; r+=1)e[r]=255\&t[r]; return e \} function h(e,t) \{var n=0 | m(t.length); e=d(e,n); for(var r=0; r<n; r+=1)e[r]=255\&t[r]; return e \} function h(e,t) \{var n=0 | m(t.length); e=d(e,n); for(var r=0; r<n; r+=1)e[r]=255\&t[r]; return e \} function h(e,t) \{var n=0 | m(t.length); e=d(e,n); for(var r=0; r<n; r+=1)e[r]=255\&t[r]; return e \} function h(e,t) \{var n=0 | m(t.length); e=d(e,n); r<n; r+=1)e[r]=255\&t[r]; return e \} function h(e,t) \{var n=0 | m(t.length); r<n; r+=1)e[r]=255\&t[r]; return e \} function h(e,t) \{var n=0 | m(t.length); r<n; r+=1)e[r]=255\t[r]; return e \} function h(e,t) \{var n=0 | m(t.length); r<n; r+=1)e[r]=255\t[r]; return e \} function h(e,t) \{var n=0 | m(t.length); r<n; r+=1)e[r]=25$$ f(e,t){var n,r=0;"Buffer"===t.type&&Q(t.data)&&(n=t.data,r=0|m(n.length)),e=d(e,r);for(var n,r=0;"Buffer"===t.type&&Q(t.data)&&(n=t.data,r=0|m(n.length)),e=d(e,r);for(var n,r=0;"Buffer"===t.type&&Q(t.data)&&(n=t.data,r=0|m(n.length)),e=d(e,r);for(var n,r=0;"Buffer"===t.type&&Q(t.data)&&(n=t.data,r=0|m(n.length)),e=d(e,r);for(var n,r=0;"Buffer"===t.type&&Q(t.data)&&(n=t.data,r=0|m(n.length)),e=d(e,r);for(var n,r=0;"Buffer"===t.type&&Q(t.data)&&(n=t.data,r=0|m(n.length)),e=d(e,r);for(var n,r=0;"Buffer"=t.type&&Q(t.data)&&(n=t.data,r=0|m(n.length)),e=d(e,r);for(var n,r=0;"Buffer"=t.type&&Q(t.data)&&(n=t.data,r=0|m(n.length)),e=d(e,r);for(var n,r=0;"Buffer"=t.type&&Q(t.data)&&(n=t.data,r=0|m(n.length)),e=d(e,r);for(var n,r=0;"Buffer"=t.type&&Q(t.data)&&(n=t.data,r=0|m(n.length)),e=d(e,r);for(var n,r=0;"Buffer"=t.type&&Q(t.data)&&(n=t.data,r=0|m(n.length)),e=d(e,r);for(var n,r=0;"Buffer"=t.type&&Q(t.data)&&(n=t.data,r=0|m(n.length)),e=d(e,r);for(var n,r=0;"Buffer"=t.type&&Q(t.data)&&(n=t.data,r=0;"Buffer"=t.type&&Q(t.data)&&(n=t.data,r=0;"Buffer"=t.type&&Q(t.data)&&(n=t.data,r=0;"Buffer"=t.type&&Q(t.data)&&(n=t.data,r=0;"Buffer"=t.type&&Q(t.data)&&(n=t.data,r=0;"Buffer"=t.type&&Q(t.data)&&(n=t.data,r=0;"Buffer"=t.type&&Q(t.data)&&(n=t.data,r=0;"Buffer"=t.type&&Q(t.data)&&(n=t.data,r=0;"Buffer"=t.type&&Q(t.data)&&(n=t.data,r=0;"Buffer"=t.type&&Q(t.data)&&(n=t.data,r=0;"Buffer"=t.type&&Q(t.data)&&(n=t.data,r=0;"Buffer"=t.type&&Q(t.data)&&(n=t.data,r=0;"Buffer"=t.type&&Q(t.data)&&(n=t.data,r=0;"Buffer"=t.type&&Q(t.data)&&(n=t.data,r=0;"Buffer"=t.type&&Q(t.data)&&(n=t.data,r=0;"Buffer"=t.type&&Q(t.data)&&(n=t.type&&Q(t.data)&&(n=t.type&&Q(t.data)&&(n=t.type&&Q(t.data)&&(n=t.type&&Q(t.data)&&(n=t.type&&Q(t.data)&&(n=t.type&&Q(t.data)&&(n=t.type&&Q(t.data)&&(n=t.type&&Q(t.data)&&(n=t.type&&Q(t.data)&&(n=t.type&&Q(t.data)&&(n=t.type&&Q(t.data)&&(n=t.type&&Q(t.data)&&(n=t.type&&Q(t.data)&&(n=t.type&&Q(t.data)&&(n=t.type&&Q(t.data)&&(n=t.type&&Q(t.type&&Q(t.type&&Q(t.type&&Q(t.type&&Q(t.type&&Q(t.type&&Q(t.type&&Q(t.type& i=0;i<r;i+=1)e[i]=255&n[i];return e}function d(e,t){i.TYPED\_ARRAY\_SUPPORT?e=i.\_augment(new Uint8Array(t)):(e.length=t,e.\_isBuffer=!0);var n=0!==t&&t<=i.poolSize>>>1;return n&&(e.parent=G),e}function m(e){if(e>=r())throw new RangeError("Attempt to allocate Buffer larger than maximum size: 0x''+r().toString(16)+" bytes");return 0|e function g(e,t) {if(!(this instance of g))return new g(e,t);var n=new i(e,t);return delete n.parent,n}function y(e,t){"string"!=typeof e&&(e=""+e);var n=e.length;if(0===n)return 0;for(var r=!1;;)switch(t){case"ascii":case"binary":case"raw":case"raws":return n;case"utf8":case"utf-8":return \$(e).length;case"ucs2":case"ucs-2":case"utf16le":case"utf-16le":return 2\*n;case"hex":return n >>>1; case"base64":return H(e).length; default: if (r) return (e).length; t=(""+t).toLowerCase(), r=!0 function v(e,t,n){var r=!1;if(t=0|t,n=void  $0 === n ||n==1/0? \text{this.length:} 0|n,e||(e="utf8"),t<0 \& (t=0),n> \text{this.length} \& (n=\text{this.length}),n<=t) \text{return}""; for(;;) switc (t=0),n> \text{this.length} \& (n=\text{this.length}),n<=t) \text{return}""; for(;;) switc (t=0),n> \text{this.length} \& (n=\text{this.length}),n<=t) \text{return} ""; for(;;) switc (t=0),n> \text{this.length} \& (n=\text{this.length}),n<=t) \text{this.length} \& (n=\text{t$ h(e){case"hex":return C(this,t,n);case"utf8":case"utf-8":return E(this,t,n);case"ascii":return k(this,t,n);case"binary":return T(this,t,n);case"base64":return j(this,t,n);case"ucs2":case"ucs-2":case"utf16le":case"utf-16le":return I(this,t,n);default:if(r)throw new TypeError("Unknown encoding: "+e);e=(e+"").toLowerCase(),r=!0} function b(e,t,n,r){n=Number(n)||0;var i=e.lengthn;r?(r=Number(r),r>i&&(r=i)):r=i;var a=t.length;if(a%2!==0)throw new Error("Invalid hex string");r>a/2&&(r=a/2);for(var o=0;o<r;o++){var s=parseInt(t.substr(2\*o,2),16);if(isNaN(s))throw new Error("Invalid hex string");e[n+o]=s}return o}function w(e,t,n,r){return Y(\$(t,e.length-n),e,n,r)}function (e,t,n,r){return Y(F(t),e,n,r)}function x(e,t,n,r){return (e,t,n,r)}function A(e,t,n,r){return Y(H(t),e,n,r)}function S(e,t,n,r){return Y(V(t,e.length-n),e,n,r)}function j(e,t,n){return 0 == t & n == e.length?J.fromByteArray(e):J.fromByteArray(e.slice(t,n))function E(e,t,n){n=Math.min(e.length,n);for(var r=[],i=t;i<n;){var}  $a=e[i],o=null,s=a>239?4:a>223?3:a>191?2:1;if(i+s<=n){var l,u,c,p;switch(s){case 1:a<128&(o=a);break;case 1:a<128&(o=a);$ 2:l=e[i+1],128===(192&1)&&(p=(31&a)<<6|63&1,p>127&&(o=p));break;case|p>57343)&&(o=p));break;case 4:l=e[i+1],u=e[i+2],c=e[i+3],128===(192&l)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128===(192&u)&128==(192&u)&128==(192&u)&128==(192&u)&128==(192&u)&128==(192&u)&128==(192&u)&128==(192&u)&128==(192&u)&128==(192&u)&128==(192&u)&128==(192&u)&128==(192&u)&128==(192&u)&128==(192&u)&128==(192&u)&128==(192&u)&128==(192&u)&128==(192&u)&128==(192&u)&128==(192&u)&128==(192&u)&128==(192&u)&128==(192&u)&128==(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128==(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192&u)&128=(192  $12|(63\&u) << 6|63\&c,p > 65535\&&p < 1114112\&&(o=p)) \}$  null===0?(o=65533,s=1):o>65535&&(o-p) > 65535&(o-p) > 6553 =65536,r.push(o>>>10&1023|55296),o=56320|1023&o),r.push(o),i+=s}return O(r){function O(e){var t=e.length;if(t<=K)return String.fromCharCode.apply(String,e);for(var n="",r=0;r<t;)n+=String.fromCharCode.apply(String,e.slice(r,r+=K));return n}function k(e,t,n){var}  $r="";n=Math.min(e.length,n);for(var i=t;i<n;i++)r+=String.fromCharCode(127\&e[i]);return r}function T(e,t,n){var}$  $r="";n=Math.min(e.length,n);for(var i=t;i<n;i++)r+=String.fromCharCode(e[i]);return r}function C(e,t,n){var}$  $r=e.length; (!t||t<0) \& \& (t=0), (!n||n<0||n>r) \& \& (n=r); for (var i="",a=t;a<n;a++)i+=N(e[a]); return i \} function and the set of the set o$  $I(e,t,n) \{ for(var r=e.slice(t,n),i="",a=0;a<r.length;a+=2)i+=String.fromCharCode(r[a]+256*r[a+1]);return i \} function = 0 \}$ D(e,t,n){if(e%1!==0||e<0)throw new RangeError("offset is not uint");if(e+t>n)throw new RangeError("Trying to access beyond buffer length") function L(e,t,n,r,a,o) {if(!i.isBuffer(e)) throw new TypeError("buffer must be a Buffer instance");if(t>a||t<0)throw new RangeError("value is out of bounds");if(n+r>e.length)throw new RangeError("index out of range") {function M(e,t,n,r){t<0&&(t=65535+t+1);for(var i=0,a=Math.min(e.length-i=0,a=Math.min(e.length-n,4); i<a;i++)e[n+i]=t>>8\*(r?i:3-i)&255 function U(e,t,n,r,i,a) {if(t>i||t<a)throw new RangeError("value is out of bounds");if(n+r>e.length)throw new RangeError("index out of range");if(n<0)throw new RangeError("index out of range")}function P(e,t,n,r,i){return i||U(e,t,n,4,3.4028234663852886e38,-3.4028234663852886e38), W.write(e,t,n,r,23,4), n+4 function q(e,t,n,r,i) { return illU(e,t,n,8,1.7976931348623157e308,-1.7976931348623157e308),W.write(e,t,n,r,52,8),n+8} function B(e){if(e=z(e).replace(Z,""),e.length<2)return"";for(;e.length%4!==0;)e+="=";return e}function z(e){return

 $1\&\&a.push(239,191,189); continue \\ i=n; continue \\ if(n<56320) \\ \{(t=3)>-1\&\&a.push(239,191,189), i=n; continue \\ n=i-55296 \\ <10|n-56320|65536 \\ else \\ i\&\&(t=3)>-1\&\&a.push(239,191,189); if(i=null,n<128) \\ \{if((t=1),n) \\ i=n; continue \\ n=i-56320 \\ i=n; continue \\$ 

 $=1)<0) break; a.push(n) else if (n<2048) {if ((t=2)<0) break; a.push(n>>6|192,63&n|128) }else if (n<65536) {if ((t=3)<0) break; a.push(n>>12|224,n>>6&63|128,63&n|128) }else {if (!(n<1114112)) throw new Error("Invalid code point"); if ((t=4)<0) break; a.push(n>>18|240,n>>12&63|128,n>>6&63|128,63&n|128) }return a {function F(e) {for (var t=[],n=0;n<e.length;n++)t.push(255&e.charCodeAt(n)); return t {function V(e,t) {for (var n,r,i,a=[],o=0;o<e.length&&!((t=2)<0);o++)n=e.charCodeAt(o),r=n>>8,i=n%256,a.push(i),a.push(r); return a {function H(e) {return J.toByteArray(B(e)) {function Y(e,t,n,r) {for (var i=0;i<r&&!(i+n>=t.length||i>=e.length); i++)t[i+n]=e[i]; return i {var J=e("base64-js"),W=e("ieee754"),Q=e("isarray"); n.Buffer=i,n.SlowBuffer=g,n.INSPECT_MAX_BYTES=50,i.poolSize=8192; var G={}; i.TYPED_ARRAY_SUPPORT=function() {function e() {}try{var t=new Uint8Array(1); return t.foo=function() {return 42},t.constructor=e,42===t.foo()&&t.constructor===e&&"function"==typeof t.subarray&&0===t.subarray(1,1).byteLength {catch(n) {return!1}}(), i.isBuffer=function(e) {return!(null==e||!e._isB uffer()), i.compare=function(e,t) {if (!i.isBuffer(e)||!i.isBuffer(t)) throw new TypeError("Arguments must be})$ 

Buffers"); if (e==t) return 0; for (var n=e.length, r=t.length, a=0, o=Math.min(n,r); a<o&&e[a]==t[a];)++a; return a!==o&&(n=e[a], r=t[a]), n<r?-b

1:r<n?1:0},i.isEncoding=function(e){switch(String(e).toLowerCase()){case"hex":case"utf8":case"utf-8":case"ascii":case"binary":case"base64":case"raw":case"ucs2":case"ucs-2":case"utf16le":case"utf-16le":return!0;default:return!1}},i.concat=function(e,t){if(!Q(e))throw new TypeError("list argument must be an Array of Buffers.");if(0===e.length)return new i(0);var n;if(void

```
0===t)for(t=0,n=0;n<e.length;n++)t+=e[n].length;var r=new i(t),a=0;for(n=0;n<e.length;n++){var
o=e[n];o.copy(r,a),a+=o.length}return r},i.byteLength=y,i.prototype.length=void 0,i.prototype.parent=void
0,i.prototype.toString=function(){var e=0|this.length;return
```

0===e?"":0===arguments.length?E(this,0,e):v.apply(this,arguments)},i.prototype.equals=function(e){if(!i.isBuffer( e))throw new TypeError("Argument must be a Buffer");return

this===e||0===i.compare(this,e)},i.prototype.inspect=function(){var e="",t=n.INSPECT\_MAX\_BYTES;return this.length>0&&(e=this.toString("hex",0,t).match(/.{2}/g).join(" "),this.length>t&&(e+=" ... ")),"<Buffer "+e+">"},i.prototype.compare=function(e){if(!i.isBuffer(e))throw new TypeError("Argument must be a Buffer");return this===e?0:i.compare(this,e)},i.prototype.indexOf=function(e,t){function n(e,t,n){for(var r=- $1,i=0;n+i<e.length;i++)if(e[n+i]===t[r==-1?0:i-r]){if(r==-1\&\&(r=i),i-r+1===t.length)return n+r}elser=-1$ 1;return-1}if(t>2147483647?t=2147483647:t<-2147483648&&(t=-2147483648),t>>=0,0===this.length)return-1 1;if(t>=this.length)return-1;if(t<0&&(t=Math.max(this.length+t,0)),"string"==typeof e)return 0===e.length?-if(t>=this.length)return-1;if(t<0&&(t=Math.max(this.length+t,0)),"string"==typeof e)return 0===e.length?-if(t>=this.length+t,0))1:String.prototype.indexOf.call(this,e,t);if(i.isBuffer(e))return n(this,e,t);if("number"==typeof e)return i.TYPED\_ARRAY\_SUPPORT&&"function"===Uint8Array.prototype.indexOf?Uint8Array.prototype.indexOf.call (this,e,t):n(this,[e],t);throw new TypeError("val must be string, number or Buffer")},i.prototype.get=function(e){return console.log(".get() is deprecated. Access using array indexes instead."),this.readUInt8(e)},i.prototype.set=function(e,t){return console.log(".set() is deprecated. Access using array indexes instead."),this.writeUInt8(e,t)},i.prototype.write=function(e,t,n,r){if(void 0===t)r="utf8",n=this.length,t=0;else if(void 0===n&&"string"==typeof t)r=t,n=this.length,t=0;else  $if(isFinite(t))t=0|t,isFinite(n)?(n=0|n,void 0===r\&\&(r="utf8")):(r=n,n=void 0);else{var i=r;r=t,t=0|n,n=i}var$ a=this.length-t;if((void 0===n||n>a)&&(n=a),e.length>0&&(n<0||t<0)||t>this.length)throw new RangeError("attempt to write outside buffer bounds");r||(r="utf8");for(var o=!1;;)switch(r){case"hex":return b(this,e,t,n);case"utf8":case"utf-8":return w(this,e,t,n);case"ascii":return \_(this,e,t,n);case"binary":return x(this,e,t,n);case"base64":return A(this,e,t,n);case"ucs2":case"ucs-2":case"utf16le":case"utf16le":return

S(this,e,t,n);default:if(o)throw new TypeError("Unknown encoding:

 $"+r);r=(""+r).toLowerCase(),o=!0\} ,i.prototype.toJSON=function() \{return \{type: "Buffer",data:Array.prototype.slice .call(this._arr||this,0)\};var K=4096;i.prototype.slice=function(e,t) {var n=this.length;e=~~e,t=void 0===t?n:~~t,e<0?(e+=n,e<0&&(e=0)):e>n&&(e=n),t<0?(t+=n,t<0&&(t=0)):t>n&&(t=n),t<e&&(t=e);var r;if(i.TYPED_ARRAY_SUPPORT)r=i._augment(this.subarray(e,t));else{var a=t-e;r=new i(a,(void 0));for(var o=0;o<a;o++)r[o]=this[o+e]}return$ 

 $r.length\&\&(r.parent=this.parent||this),r\}, i.prototype.readUIntLE=function(e,t,n) \\ e=0|e,t=0|t,n||D(e,t,this.length); for(var r=this[e],i=1,a=0;++a < t\&\&(i*=256);)r+=this[e+a]*i; return$ 

 $r\}, i. prototype. readUIntBE=function(e,t,n) \{e=0 | e,t=0 | t,n \| D(e,t,this.length); for(var \ r=this[e+--interval on the set of the set of$ 

 $t], i=1; t>0 \&\& (i*=256);) r+= this[e+--t]*i; return \ r\}, i. prototype. readUInt8= function(e,t) \{return \ r\}, i. prototype. readUInt8=$ 

 $t||D(e,2,this.length),this[e]|this[e+1]<\!\!<\!\!8\}, i.prototype.readUInt16BE=\!function(e,t)\{return length), this[e]|this[e+1]<\!\!<\!\!8\}, i.prototype.readUInt16BE=\!function(e,t)[return length], the set of the set$ 

 $t||D(e,2,this.length),this[e] <<\!\!8|this[e+1]\}, i.prototype.readUInt32LE=function(e,t){return}$ 

 $t||D(e,4,this.length),(this[e]|this[e+1]<<8|this[e+2]<<16)+16777216*this[e+3]\}, i.prototype.readUInt32BE=function(e,t){return}$ 

 $t||D(e,4,this.length),16777216*this[e]+(this[e+1]<<16|this[e+2]<<8|this[e+3])\},i.prototype.readIntLE=function(e,t,n) \\ e=0|e,t=0|t,n||D(e,t,this.length);for(var r=this[e],i=1,a=0;++a<t\&\&(i*=256);)r+=this[e+a]*i;return \\ i*=128,r>=i\&\&(r-1)$ 

 $=Math.pow(2,8*t)), r\}, i. prototype.readIntBE=function(e,t,n) \{e=0|e,t=0|t,n||D(e,t,this.length); for(var, the start of the start of$ 

 $= Math.pow(2,8*t)), a\}, i. prototype.readInt8 = function(e,t) \{return t || D(e,1,this.length), 128 \& this[e]?(255-this[e]+1)*-100 e = 100 e$ 

 $1: this[e] \}, i. prototype. readInt16LE = function(e,t) \{t || D(e,2, this. length); var n = this[e]| this[e+1] << 8; return and the set of th$ 

 $32768 \&n? 4294901760 |n:n\}, i. prototype.readInt16BE=function(e,t) \{t || D(e,2,this.length); variable in the state of th$ 

 $n=this[e+1]|this[e]<<8; return\ 32768\&n?4294901760|n:n\}, i. prototype.readInt32LE=function(e,t) \{return\ n=this[e+1]|this[e]<<8; return\ 32768\&n?4294901760|n:n], i. prototype.readInt32LE=function(e,t) \{return\ n=this[e+1]|this[e]<<8; return\ 32768\&n?4294901760|n:n], i. prototype.readInt32LE=function(e,t) \{return\ n=this[e+1]|this[e]<<8; return\ 32768\&n?4294901760|n:n], i. prototype.readInt32LE=function(e,t) \{return\ n=this[e+1]|this[e]<8; return\ 32768\&n?4294901760|n:n], i. prototype.readInt32LE=function(e,t) \{return\ n=this[e+1]|this[e]<8; return\ 32768\&n?4294901760|n:n], i. prototype.readInt32LE=function(e,t) \{return\ n=this[e+1]|this[e]<8; return\ n=this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|this[e+1]|th$ 

```
t||D(e,4,this.length),this[e]|this[e+1]<<8|this[e+2]<<16|this[e+3]<<24\}, i.prototype.readInt32BE=function(e,t){return}
```

 $t||D(e,4,this.length),this[e]<<\!\!24|this[e+1]<\!\!<\!\!16|this[e+2]<\!\!<\!\!8|this[e+3]\},i.prototype.readFloatLE=function(e,t){return}$ 

 $t \| D(e,4,this.length), W.read(this,e,!0,23,4) \}, i.prototype.readFloatBE=function(e,t) \{ return length | len$ 

 $t \| D(e,8,this.length), W.read(this,e,!0,52,8) \}, i. prototype.readDoubleBE=function(e,t) \{return a transmission of the second state of the seco$ 

 $t||D(e,8,this.length), W.read(this,e,!1,52,8)\}, i. prototype.writeUIntLE=function(e,t,n,r) \{e=+e,t=0|t,n=0|n,r||L(this,e,t,n,r)\}, i. prototype.writeUIntLE=function(e,t,n,r) \{e=+e,t=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0|t,n=0$ 

```
Math.pow(2,8*n),0); var \ i=1,a=0; for(this[t]=255\&e; ++a < n\&\&(i*=256);) this[t+a]=e/i\&255; return and the set of the
```

 $t+n\}, i. prototype. write UIntBE=function(e,t,n,r) \{e=+e,t=0 | t,n=0 | n,r | | L(this,e,t,n,Math.pow(2,8*n),0); var i=n-1, i. prototype. write UIntBE=function(e,t,n,r) \{e=+e,t=0 | t,n=0 | n,r | | L(this,e,t,n,Math.pow(2,8*n),0); var i=n-1, i. prototype. write UIntBE=function(e,t,n,r) \{e=+e,t=0 | t,n=0 | n,r | | L(this,e,t,n,Math.pow(2,8*n),0); var i=n-1, i. prototype. write UIntBE=function(e,t,n,r) \{e=+e,t=0 | t,n=0 | n,r | | L(this,e,t,n,Math.pow(2,8*n),0); var i=n-1, i. prototype. write UIntBE=function(e,t,n,r) \{e=+e,t=0 | t,n=0 | n,r | | L(this,e,t,n,Math.pow(2,8*n),0); var i=n-1, i. prototype. write UIntBE=function(e,t,n,r) \{e=+e,t=0 | t,n=0 | n,r | | L(this,e,t,n,Math.pow(2,8*n),0); var i=n-1, i. prototype. write UIntBE=function(e,t,n,r) \{e=+e,t=0 | t,n=0 | n,r | | L(this,e,t,n,Math.pow(2,8*n),0); var i=n-1, i. prototype. write UIntBE=function(e,t,n,r) \{e=+e,t=0 | t,n=0 | n,r | l,n=0 | n,r |$ 

```
1,a=1;for(this[t+i]=255\&e;--i>=0\&\&(a*=256);)this[t+i]=e/a\&255;return
```

t+n},i.prototype.writeUInt8=function(e,t,n){return

 $e=+e,t=0|t,n||L(this,e,t,1,255,0),i.TYPED\_ARRAY\_SUPPORT||(e=Math.floor(e)),this[t]=e,t+1\},i.prototype.writeUI nt16LE=function(e,t,n){return}$ 

 $e=+e,t=0|t,n||L(this,e,t,2,65535,0),i.TYPED\_ARRAY\_SUPPORT?(this[t]=e,this[t+1]=e>>>8):M(this,e,t,!0),t+2\},i.p:rototype.writeUInt16BE=function(e,t,n){return}$ 

```
e=+e,t=0|t,n||L(this,e,t,4,4294967295,0),i.TYPED\_ARRAY\_SUPPORT?(this[t+3]=e>>>24,this[t+2]=e>>>16,this[t+1]=e>>>8,this[t]=e):R(this,e,t,!0),t+4\},i.prototype.writeUInt32BE=function(e,t,n){return}
```

```
e=+e,t=0|t,n||L(this,e,t,4,4294967295,0),i.TYPED\_ARRAY\_SUPPORT?(this[t]=e>>>24,this[t+1]=e>>>16,this[t+2]=e>>>8,this[t+3]=e):R(this,e,t,!1),t+4\},i.prototype.writeIntLE=function(e,t,n,r){if(e=+e,t=0|t,!r){var}}
```

i=Math.pow(2,8\*n-1);L(this,e,t,n,i-1,-i)}var

a=0, o=1, s=e<0?1:0; for(this[t]=255&e; ++a<n&&(o\*=256);) this[t+a]=(e/o>>0)-s&255; return a=0, o=1, s=e<0?1:0; for(this[t]=255&e; ++a<n&(o\*=256);) this[t+a]=(e/o>>0)-s&255; return a=0, o=1, s=e<0?1:0; for(this[t]=255&e; ++a<n&(o\*=256);) this[t+a]=(e/o>>0)-s&255; return a=0, o=1, s=e<0?1:0; for(this[t]=255&e; ++a<n&(o\*=256);) this[t+a]=(e/o>>0)-s&255; return a=0, s=e<n(a=1, b)=(a=1, b)=(a

```
t+n\}, i. prototype. writeIntBE=function(e,t,n,r) \{ if (e=+e,t=0|t,!r) \{ var \ i=Math.pow(2,8*n-1); L(this,e,t,n,i-1,-i) \} var \ a=n-1, i. prototype. writeIntBE=function(e,t,n,r) \{ if (e=+e,t=0|t,!r) \{ var \ i=Math.pow(2,8*n-1); L(this,e,t,n,i-1,-i) \} var \ a=n-1, i. prototype. writeIntBE=function(e,t,n,r) \{ if (e=+e,t=0|t,!r) \{ var \ i=Math.pow(2,8*n-1); L(this,e,t,n,i-1,-i) \} var \ a=n-1, i. prototype. writeIntBE=function(e,t,n,r) \{ if (e=+e,t=0|t,!r) \{ var \ i=Math.pow(2,8*n-1); L(this,e,t,n,i-1,-i) \} var \ a=n-1, i. prototype. writeIntBE=function(e,t,n,r) \{ if (e=+e,t=0|t,!r) \{ var \ i=Math.pow(2,8*n-1); L(this,e,t,n,i-1,-i) \} var \ a=n-1, i. prototype. writeIntBE=function(e,t,n,r) \{ if (e=+e,t=0|t,!r) \{ var \ i=Math.pow(2,8*n-1); L(this,e,t,n,i-1,-i) \} var \ a=n-1, i. prototype. writeIntBE=function(e,t,n,r) \{ if (e=+e,t=0|t,!r) \{ var \ i=Math.pow(2,8*n-1); L(this,e,t,n,i-1,-i) \} var \ a=n-1, i. prototype. writeIntBE=function(e,t,n,r) \{ if (e=+e,t=0|t,!r) \{ var \ i=Math.pow(2,8*n-1); L(this,e,t,n,i-1,-i) \} var \ a=n-1, i. prototype. writeIntBE=function(e,t,n,r) \{ if (e=+e,t=0|t,!r) \} var \ a=n-1, i. prototype. writeIntBE=function(e,t,n,r) \{ if (e=+e,t=0|t,!r) \} var \ a=n-1, i. prototype. writeIntBE=function(e,t,n,r) \} var \ a=n-1, i. prototype. writeIntBE=function(e,t,n,r) \{ if (e=+e,t=0|t,!r) \} var \ a=n-1, i. prototype. writeIntBE=function(e,t,n,r) \} var \ a=n-1, i. prototype. w
```

1, o=1, s=e<0?1:0; for(this[t+a]=255&e; --a>=0&&(o\*=256);) this[t+a]=(e/o>>0)-s&255; return and the set of t

t+n, i.prototype.writeInt8=function(e,t,n){return e=+e,t=0|t,n||L(this,e,t,1,127,-

 $128), i.TYPED\_ARRAY\_SUPPORT || (e=Math.floor(e)), e<0\&\&(e=255+e+1), this[t]=e,t+1 \}, i. prototype.writeInt16LE = function(e,t,n) {return e=+e,t=0|t,n||L(this,e,t,2,32767,-1000)} {return e=+e,t=0|t,n||L(this,e,t,2,1000)} {return e=+e,t=0|t,n||L(this,e,t$ 

 $32768), i.TYPED\_ARRAY\_SUPPORT?(this[t]=e, this[t+1]=e>>>8): M(this, e, t, !0), t+2\}, i. prototype. writeInt16BE=function(e, t, n){return e=+e, t=0|t, n||L(this, e, t, 2, 32767, -1, -1)}$ 

 $32768), i.TYPED\_ARRAY\_SUPPORT?(this[t]=e>>>8, this[t+1]=e):M(this, e, t, !1), t+2\}, i. prototype.writeInt32LE=function(e, t, n){return e=+e, t=0|t, n||L(this, e, t, 4, 2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -2147483647, -214748647, -214748647, -214748647, -214748647, -214748647, -21474867, -21474867, -21474867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -2147867, -21478867, -21478867, -21478867, -21478867, -21478867, -21478867, -21478867, -21478867, -21478867, -214788676, -214788676, -2147867, -21488676, -21488676, -21488676, -21488676, -21486$ 

 $2147483648), i.TYPED\_ARRAY\_SUPPORT? (this[t]=e, this[t+1]=e>>>8, this[t+2]=e>>>16, this[t+3]=e>>>24): R(this[t+3]=e>>>24): R(this[t+4], i.prototype.writeInt32BE=function(e,t,n) { return } e=+e, t=0|t,n||L(this,e,t,4,2147483647, -20): R(this[t+2]=e>>>24): R(th$ 

 $2147483648), e<0\&\&(e=4294967295+e+1), i.TYPED\_ARRAY\_SUPPORT?(this[t]=e>>>24, this[t+1]=e>>>16, this[t+2]=e>>>8, this[t+3]=e):R(this, e, t, !1), t+4\}, i.prototype.writeFloatLE=function(e, t, n) {return} = 0.16, this[t+2]=e>>>8, this[t+3]=e):R(this, e, t, !1), t+4\}, i.prototype.writeFloatLE=function(e, t, n) {return} = 0.16, this[t+2]=e>>>8, this[t+3]=e):R(this, e, t, !1), t+4\}, i.prototype.writeFloatLE=function(e, t, n) {return} = 0.16, this[t+2]=e>>>8, this[t+3]=e):R(this, e, t, !1), t+4\}, i.prototype.writeFloatLE=function(e, t, n) {return} = 0.16, this[t+2]=e>>>8, this[t+3]=e):R(this, e, t, !1), t+4\}, i.prototype.writeFloatLE=function(e, t, n) {return} = 0.16, this[t+2]=e>>>8, this[t+3]=e):R(this, e, t, !1), t+4\}, i.prototype.writeFloatLE=function(e, t, n) {return} = 0.16, this[t+3]=e):R(this, e, t, !1), t+4\}, i.prototype.writeFloatLE=function(e, t, n) {return} = 0.16, this[t+3]=e):R(this, e, t, !1), t+4\}, i.prototype.writeFloatLE=function(e, t, n) {return} = 0.16, this[t+3]=e):R(this, e, t, !1), t+4\}, i.prototype.writeFloatLE=function(e, t, n) {return} = 0.16, this[t+3]=e):R(this, e, t, !1), t+4\}, i.prototype.writeFloatLE=function(e, t, n) {return} = 0.16, this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e):R(this[t+3]=e)$ 

P(this,e,t,!0,n)},i.prototype.writeFloatBE=function(e,t,n){return

P(this,e,t,!1,n), i.prototype.writeDoubleLE=function(e,t,n){return}

q(this,e,t,!0,n)},i.prototype.writeDoubleBE=function(e,t,n){return

 $q(this,e,t,!1,n) \}, i. prototype.copy=function(e,t,n,r) \{ if(n || (n=0),r || 0===r || (r=this.length), t>=e.length \& (t=e.length), t || (t=0), r>0 \& & r < n \& (r=n), r===n \}$  return 0; if (0===e.length || 0===this.length) return 0; if (t<0) throw new

RangeError("targetStart out of bounds");if(n<0||n>=this.length)throw new RangeError("sourceStart out of

bounds");if(r<0)throw new RangeError("sourceEnd out of bounds");r>this.length&&(r=this.length),e.length-t<r-

n&&(r=e.length-t+n); var a, o=r-n; if(this===e&&n < t&&t < r) for(a=o-1; a>=0; a--)e[a+t]=this[a+n]; else = base in the second second

 $if(o<1e3||!i.TYPED\_ARRAY\_SUPPORT) for(a=0;a<o;a++)e[a+t]=this[a+n];else$ 

 $e\_set(this.subarray(n,n+o),t);return o\},i.prototype.fill=function(e,t,n){if(e||(e=0),t||(t=0),n||(n=this.length),n<t)throw new RangeError("end < start");if(n!==t\&&0!==this.length){if(t<0||t>=this.length)throw new RangeError("start out of bounds");if(n<0||n>this.length)throw new RangeError("end out of bounds");var r;if("number"==typeof$ 

e)for(r=t;r<n;r++)this[r]= $e;else{var i=$(e.toString()),a=i.length;for(<math>r=t;r<n;r++$ )this[r]=i[r%a]}return

this}},i.prototype.toArrayBuffer=function(){if("undefined"!=typeof

Uint8Array){if(i.TYPED\_ARRAY\_SUPPORT)return new i(this).buffer;for(var e=new

Uint8Array(this.length),t=0,n=e.length;t<n;t+=1)e[t]=this[t];return e.buffer}throw new

TypeError("Buffer.toArrayBuffer not supported in this browser")};var X=i.prototype;i.\_augment=function(e){return e.constructor=i,e.\_isBuffer=!0,e.\_set=e.set,e.get=X.get,e.set=X.set,e.write=X.write,e.toString=X.toString,e.toLocale String=X.toString,e.toJSON=X.toJSON,e.equals=X.equals,e.compare=X.compare,e.indexOf=X.indexOf,e.copy=X. copy,e.slice=X.slice,e.readUIntLE=X.readUIntLE,e.readUIntBE=X.readUIntBE,e.readUInt8=X.readUInt8=X.readUInt8=X.readUInt8=X.readUInt32BE,e.readUInt32BE,e.readUInt32BE,e.readUInt32BE=X.readUInt32BE=X.readInt16E=X.readInt16BE=X.readInt16BE=X.readInt8=X.readInt8=X.readInt8=X.readInt16E=X.readInt16BE,e.readInt32BE=X.readInt32BE=X.readInt32BE,e.readInt16BE=X.readInt32LE=X.readInt32BE=X.readInt32BE,e.readInt32BE=X.readInt16BE=X.readInt32LE=X.readInt32BE=X.readInt32BE,e.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X.readInt32BE=X

\_]/g},{"base64-js":15,ieee754:16,"is-array":17}],15:[function(e,t,n){var

 $r="ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/";!function(e){"use strict";function t(e){var t=e.charCodeAt(0);return t===0||t===p?62:t===s||t===h?63:t<l?-1:t<l+10?t-l+26+26:t<c+26?t-c:t<u+26?t-u+26:void 0}function n(e){function n(e){u[p++]=e}var r,i,o,s,l,u;if(e.length%4>0)throw new Error("Invalid string. Length must be a multiple of 4");var$ 

c=e.length; l="===e.charAt(c-2)?2:"="===e.charAt(c-1)?1:0, u=new a(3\*e.length/4-1), o=l>0?e.length-1); u=new a(3\*e.length/4-1), o=l>0?e.length-1); u=new a(3\*e.length/4-1); u=new a(3\*e.length/4-1

4:e.length;var

p=0; for(r=0, i=0; r<0; r+=4, i+=3)s=t(e.charAt(r))<<18|t(e.charAt(r+1))<<12|t(e.charAt(r+2))<<6|t(e.charAt(r+3)), n((165280&s))>8), n(255&s); return

2 == 1?(s = t(e.charAt(r)) << 2|t(e.charAt(r+1)) >> 4, n(255&s)): 1 == 1&&(s = t(e.charAt(r)) << 10|t(e.charAt(r+1)) << 4|t(e.charAt(r+2)) >> 2, n(s >> 8&255), n(255&s)), ufunction i(e) {return r.charAt(e) }function n(e) {return r.charAt(r) }function n(e) {

t(e>>18&63)+t(e>>12&63)+t(e>>6&63)+t(63&e) var i,a,o,s=e.length%3,l="";for(i=0,o=e.length-

 $s;i<0;i+=3)a=(e[i]<<16)+(e[i+1]<<8)+e[i+2],l+=n(a);switch(s){case 1:a=e[e.length-indication in the set of th$ 

1], l+=t(a>>2), l+=t(a<<4&63), l+="=="; break; case 2:a=(e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.length-2]<<8)+e[e.len

 $1], l+=t(a>>10), l+=t(a>>4\&63), l+=t(a<<2\&63), l+="="}return l var a="undefined"!=typeof$ 

Uint8Array?Uint8Array:Array,o="+".charCodeAt(0),s="/".charCodeAt(0),l="0".charCodeAt(0),u="a".charCodeAt(0)

 $0), c = "A".charCodeAt(0), p = "-".charCodeAt(0), h = "\_".charCodeAt(0);$ 

 $e.toByteArray=n, e.fromByteArray=i\}("undefined"==typeof$ 

 $n? this. base 64 js = \{ \}:n) \}, \{ \}], 16: [function(e,t,n) \{ n. read = function(e,t,n,r,i) \{ var a, o, s = 8*i-r-1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = l >> 1, c = -1, l = (1 << s)-1, u = (1 <$ 

7, p=n?i-1:0, h=n?-1:1, f=e[t+p]; for(p+=h,a=f&(1<<-c)-1, f>>=-c, c+=s; c>0; a=256\*a+e[t+p], p+=h, c-1:1, f=e[t+p]; for(p+=h,a=f&(1<<-c)-1, f>>=-c, c+=s; c>0; a=256\*a+e[t+p]; for(p+=h,a=f&(1<<-c)-1, f>>=-c, c+=s; c>0; a=25\*a+e[t+p]; for(p+=h,a=f&(1<<-c)-1, f>>=-c, c+=s; c>0; a=25\*a+e[t+p]; for(p+=h,a=f(t+p); f>>=-c, c+=s; c>0; a=25\*a+e[t+p]; for(p+=h,a=f(t+p); f>>=-c, c+=s; c>0; a=25\*a+e[t+p]; for(p+=h,a=f(t+p); f>>=-c, c+=s; c>0; a=25\*a+e[t+p]; f

 $=\!8); for (o = a \& (1 <\!\!<\!\!-c) - 1, a \!\!>\!\!=\!\!-c, c \!+\!\!=\!\!r; c \!\!>\!\!0; o = \!256 * o \!\!+\!\!e[t \!+\!p], p \!\!+\!\!=\!\!h, c \!\!-\!\!8); if (0 \!=\!\!=\!\!a) a \!=\!\!1 \!-\!u; else \{if (a \!=\!\!=\!\!1) return a \!=\!\!a \!=\!$ 

 $o?NaN:(f?-1:1)*(1/0);o+=Math.pow(2,r),a-=u}return(f?-1:1)*o*Math.pow(2,a-r)\}, n.write=function(e,t,n,r,i,a){var} o,s,l,u=8*a-i-1,c=(1<<u)-1,p=c>>1,h=23===i?Math.pow(2,-24)-Math.pow(2,-77):0,f=r?0:a-1,d=r?1:-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<u)-1,c=(1<<uu-1,c=(1<<uu-1,c=(1<<uu-1,c=(1<<uu-1,c=(1<<uu-1,c=(1<<uu-$ 

p), t\*l > = 2&&(o++, l/=2), o+p > = c?(s=0, o=c): o+p > = 1?(s=(t\*l-1)\*Math.pow(2, i), o+=p):(s=t\*Math.pow(2, p-1)):(s=t\*Math.pow(2, p-

1)\*Math.pow(2,i),o=0));i>=8;e[n+f]=255&s,f+=d,s/=256,i-

 $=8); for(o=o<<i|s,u+=i;u>0; e[n+f]=255\&o,f+=d,o/=256,u=8); e[n+f-d]|=128*m\} \}, \{\}], 17: [function(e,t,n) \{var r=Array.isArray,i=Object.prototype.toString;t.exports=r||function(e) \{return!!e\&\&"[object]=0.55\% \}, 0.5\% \}, 0.5\% \}$ 

t?(this.name=null,this.value=null,this.expiration\_date=1/0,this.path=String(r||"/"),this.explicit\_path=!1,this.domain= n||null,this.explicit\_domain=!1,this.secure=!1,this.noscript=!1,e&&this.parse(e,n,r),this):new t(e,n,r)}function r(){var e,n,i;return this instanceof r?(e=Object.create(null),this.setCookie=function(r,a,o){var s,l;if(r=new

t(r,a,o),s=r.expiration\_date<=Date.now(),void

 $0! == e[r.name]) \{ for(n = e[r.name], l = 0; l < n.length; l + = 1) if(i = n[l], i.collidesWith(r)) return \}$ 

s?(n.splice(1,1),0===n.length&&delete

 $e[r.name],!1):(n[1]=r,r);return!s\&\&(n.push(r),r)\}return!s\&\&(e[r.name]=[r],e[r.name])\},this.getCookie=function(t,r){var i,a;if(n=e[t])for(a=0;a<n.length;a+=1)if(i=n[a],i.expiration_date<=Date.now())0===n.length\&\&delete e[i.name];else if(i.matches(r))return i},this.getCookies=function(t){var n,r,i=[];for(n in$ 

e)r=this.getCookie(n,t),r&&i.push(r);return i.toString=function(){return

i.join(":")},i.toValueString=function(){return i.map(function(e){return e.toValueString()}).join(";")},i},this):new

 $r n. CookieAccessInfo=e, n. Cookie=t, t. prototype.toString=function() {var e=[this.name+"="+this.value]; return this.expiration_date!==1/0&&e.push("expires="+new") {var e=[this.name+"="+this.value]; return this.expiration_date!==1/0&&e.push("expires="+this.value]; return this.expiration_date!==1/0&&e.push("expires="+this.value]; return this.expiration_date!==1/0&&e.push("expires="+this.value]; return this.expires="+this.value]; return this.value]; return this.value]; return this.expires="+this.value]; return this.ex$ 

Date(this.expiration\_date).toGMTString()),this.domain&&e.push("domain="+this.domain),this.path&&e.push("pat h="+this.path),this.secure&&e.push("secure"),this.noscript&&e.push("httponly"),e.join(";

")},t.prototype.toValueString=function(){return this.name+"="+this.value};var i=/[:](?=\s\*[a-zA-Z0-9\_\-

]+\s\*[=])/g;t.prototype.parse=function(e,n,r){if(this instance of t){var

 $i,a=e.split(";").filter(function(e){return!!e}),o=a[0].match(/([^=]+)=([\s\S]*)/),s=o[1],l=o[2];for(this.name=s,this.value=l,i=1;i<a.length;i+=1)switch(o=a[i].match(/([^=]+)(?:=([\s\S]*))?/),s=o[1].trim().toLowerCase(),l=o[2],s){case"httponly":this.noscript=!0;break;case"expires":this.expiration_date=l?Number(Date.parse(l)):1/0;break;case"path":this.spath=l?l.trim():"",this.explicit_path=!0;break;case"domain":this.domain=l?l.trim():"",this.explicit_domain=!!this.domain=l?l.trim():"",this.explicit_domain=!!this.domain;break;case"secure":this.secure=!0}return$ 

 $this.explicit\_path \| (this.path=r \| "/"), this.explicit\_domain \| (this.domain=n), this \} return (new theorem is the second sec$ 

 $t).parse(e,n,r) \\ t.prototype.matches=function(e) \\ return!(this.noscript&&e.script||this.secure&&!e.secure||!this.collidesWith=function(e) \\ if(this.path&&!e.path||this.domain&&!e.domain) \\ return!1;if(this.path&&0!==e.path.indexOf(this.path)) \\ return!1;if(this.explicit_path&&0!==e.path.indexOf(this.path)) \\ return!1;if(this.explicit_path&&0!=e.path.indexOf(this.path)) \\ return!1;if(this.explicit_path&&0!=e.path.indexOf(this.path)) \\ return!1;if(this.explicit_path&&0!=e.path.indexOf(this.path)) \\ return!1;if(this.explicit_path&&0!=e.path.indexOf(this.path)) \\ return!1;if(this.explicit_path&&0!=e.path.indexOf(this.path)) \\ return!1;if(this.explicit_path&&0!=e.path.indexOf(this.path)) \\ return!1;if(this.explicit_path&&0!=e.path) \\ ret$ 

n.length}return!0},n.CookieJar=r,r.prototype.setCookies=function(e,n,r){e=Array.isArray(e)?e:e.split(i);var a,o,s=[];for(e=e.map(function(e){return new

t(e,n,r)}),a=0;a<e.length;a+=1)o=e[a],this.setCookie(o,n,r)&&s.push(o);return s}{()},{}],19:[function(e,t,n){"use strict";var r=e("./lib/js-yaml.js");t.exports=r},{"./lib/js-yaml.js":20}],20:[function(e,t,n){"use strict";function r(e){return function(){throw new Error("Function "+e+" is deprecated and cannot be used.")}}var i=e("./js-yaml/loader"),a=e("./js-yaml/dumper");t.exports.Type=e("./js-yaml/type"),t.exports.Schema=e("./js-

yaml/schema"),t.exports.FAILSAFE\_SCHEMA=e("./js-yaml/schema/failsafe"),t.exports.JSON\_SCHEMA=e("./js-

vaml/schema/json"),t.exports.CORE SCHEMA=e("./js-

yaml/schema/core"),t.exports.DEFAULT\_SAFE\_SCHEMA=e("./js-

yaml/schema/default\_safe"),t.exports.DEFAULT\_FULL\_SCHEMA=e("./js-

yaml/schema/default\_full"),t.exports.load=i.load,t.exports.loadAll=i.loadAll,t.exports.safeLoad=i.safeLoad,t.exports .safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAll=i.safeLoadAl

./js-yami/exception ),...xports.iviiiviiviAL\_SCHEWA-c( ./js

 $yaml/schema/failsafe"), t.exports.SAFE\_SCHEMA=e("./js-chema/failsafe"), t.ex$ 

yaml/schema/default\_safe"),t.exports.DEFAULT\_SCHEMA=e("./js-

yaml/schema/default\_full"),t.exports.scan=r("scan"),t.exports.parse=r("parse"),t.exports.compose=r("compose"),t.exports.addConstructor=r("addConstructor")},{"./js-yaml/dumper":22,"./js-yaml/exception":23,"./js-

yaml/loader":24,"./js-yaml/schema":26,"./js-yaml/schema/core":27,"./js-yaml/schema/default\_full":28,"./js-

yaml/schema/default\_safe":29,"./js-yaml/schema/failsafe":30,"./js-yaml/schema/json":31,"./js-

yaml/type":32],21:[function(e,t,n){"use strict";function r(e){return"undefined"==typeof e||null===e}function r(e){return"undefined"==typeof e||null===e}function r(e){return"undefined"==typeof e||null===e}function r(e){return"undefined"==typeof e||null===e}function r(e){return"undefined"==typeof e||null===e}function r(e){return"undefined"==typeof e||null==e}function r(e){return"undefined"=typeof e||null==e}function r(e){return"undefi

 $i(e) \{ return "object" == type of e \& ull! == e \} function \ a(e) \{ return \ Array. is \ Array(e)? e: r(e)? []: [e] \} function \ o(e,t) \{ var \ Array. is \ Array(e)? e: r(e)? []: [e] \} function \ a(e) \{ var \ Array. is \ Array(e)? e: r(e)? []: [e] \} function \ a(e) \{ var \ Array. is \ Array(e)? e: r(e)? []: [e] \} function \ a(e) \{ var \ Array. is \ Array(e)? e: r(e)? []: [e] \} function \ a(e) \{ var \ Array. is \ Array(e)? e: r(e)? []: [e] \} function \ a(e) \{ var \ Array. is \ Array(e)? e: r(e)? []: [e] \} function \ a(e) \{ var \ Array. is \ Array(e)? e: r(e)? []: [e] \} function \ a(e) \{ var \ Array. is \ Array(e)? e: r(e)? []: [e] \} function \ a(e) \{ var \ Array. is \ Array(e)? e: r(e)? []: [e] \} function \ a(e) \{ var \ Array. is \ Array(e)? e: r(e)? []: [e] \} function \ a(e) \{ var \ Array. is \ Array(e)? e: r(e)? []: [e] \} function \ a(e) \{ var \ Array. is \ Array(e)? e: r(e)? []: [e] \} function \ a(e) \{ var \ Array. is \ Array(e)? e: r(e)? []: [e] \} function \ a(e) \{ var \ Array. is \ Array(e)? e: r(e)? []: [e] \} function \ a(e) \{ var \ Array. is \ Array(e)? e: r(e)? []: [e] \} function \ a(e) \{ var \ Array. is \ Array(e)? e: r(e)? []: [e] \} function \ a(e) \{ var \ Array. is \ Array. i$ 

 $n,r,i,a; if(t) for(a=Object.keys(t),n=0,r=a.length; n < r; n+=1) i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < r, n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < r, n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < r, n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < n+=1 \} i=a[n], e[i]=t[i]; return e \} function \ s(e,t) \{ var(a,t) \in [n], t < n+=1 \} i=a[n], e[i]=t[i]; return e \} i=a[n], e[i]=t[$ 

n,r="";for(n=0;n<t;n+=1)r+=e;return rfunction l(e){return

 $0 === e\&\&Number.NEGATIVE_INFINITY === 1/e \\ t.exports.isNothing = r,t.exports.isObject = i,t.exports.toArray = a,t. \\ exports.repeat = s,t.exports.isNegativeZero = l,t.exports.extend = o \\ , { } ], 22: [function(e,t,n) { "use strict"; function r(e,t) } var \\ (e,t) { var } b = 0 \\ (e,$ 

 $\label{eq:nr,i,a,o,s,l;if(null===t)return{};for(n={},r=Object.keys(t),i=0,a=r.length;i<a;i+=1)o=r[i],s=String(t[o]),"!!"===o.slice(0,2)&&(o="tag:yaml.org,2002:"+o.slice(2)),l=e.compiledTypeMap[o],l&&R.call(l.styleAliases,s)&&(s=l.styleAliases[s]),n[o]=s;return n}function i(e){var t,n,r;if(t=e.toString(16).toUpperCase(),e<=255)n="x",r=2;else"}$ 

 $\label{eq:if} if (e<=65535)n="u",r=4; else \{ if (!(e<=4294967295)) throw new I("code point within a string may not be greater than 0xFFFFFFF"); n="U",r=8 \return"\\"+n+C.repeat("0",r-t.length)+t \} function$ 

 $a(e) \{ this.schema = e.schema || D, this.indent = Math.max(1, e.indent || 2), this.skipInvalid = e.skipInvalid || !1, this.flowLevel = C.isNothing(e.flowLevel)?-$ 

 $\label{eq:linew} 1:e.flowLevel, this.styleMap=r(this.schema, e.styles||null), this.sortKeys=e.sortKeys||!1, this.lineWidth=e.lineWidth||8\\ 0, this.noRefs=e.noRefs||!1, this.noCompatMode=e.noCompatMode||!1, this.implicitTypes=this.schema.compiledImplicit, this.explicitTypes=this.schema.compiledExplicit, this.tag=null, this.result="",this.duplicates=[], this.usedDuplicates=null} function o(e,t) {for(var n,r=C.repeat(" ",t),i=0,a=-1,o="",s=e.length;i<s;)a=e.indexOf("\n",i),a===-$ 

 $1?(n=e.slice(i),i=s):(n=e.slice(i,a+1),i=a+1),n.length\&\&"\n"!==n\&\&(o+=r),o+=n;return\ o\}function$ 

 $s(e,t) \{return" \ n"+C.repeat("",e.indent*t) \} function \ l(e,t) \{var$ 

 $n,r,i;for(n=0,r=e.implicitTypes.length;n<r;n+=1)if(i=e.implicitTypes[n],i.resolve(t))return!0;return!1}function u(e){return e===q||e===U}function c(e){return}$ 

32<=e&&e<=126||161<=e&&e<=55295&&8232!==e&&8233!==e||57344<=e&&e<=65533&&65279!==e||65536<=e&&e<=1114111}function p(e){return

c(e)&&65279!==e&&e!==Y&&e!==Z&&e!==te&&e!==W&&e!==N}function h(e){return c(e)&&65279! == e&&!u(e)&&e! == J&&e! == G&&e! == W&&e! == Y&&e! == X&&e! == Z&&e! == te&&e! = te&&e! == te&&e! = te&&e! = te&&e! == te&&e! = te&&e! == te&&e! = te&&e! == te&&e! = te&& te&&e! = te&&e! = te&&e! = te&&e! ===N&&e!==F&&e!==H&&e!==B&&e!==ne&&e!==Q&&e!==V&&e!==z&&e!==\$&&e!==K&&e!==e}functio  $n f(e,t,n,r,i) \{ var a, o, s=!1, l=!1, f=r!=-1, d=-1, m=h(e.charCodeAt(0)) \& \& !u(e.charCodeAt(e.length-interval)) \}$ 1)); if (t) for (a=0; a < e.length; a++) { if (o=e.charCodeAt(a), !c(o)) return }  $ce;m=m\&\&p(o)\}else\{for(a=0;a<e.length;a++)\{if(o=e.charCodeAt(a),o===P)s=!0,f\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r(l=1)|a-d-1>r\&(l=1)|a-d-1>r\&(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r(l=1)|a-d-1>r$  $"!==e[d+1],d=a);else if(!c(o))return ce;m=m\&\&p(o)]=1||f\&\&a-d-1>r\&\&""!==e[d+1]}return s||1?"$ "===e[0]&&n>9?ce:l?ue:le:m&&!i(e)?oe:se}function d(e,t,n,r){e.dump=function(){function i(t){return l(e,t)}if(0===t.length)return"";if(!e.noCompatMode&&ae.indexOf(t)!==-1)return""+t+"";var a=e.indent\*Math.max(1,n),s=e.lineWidth===-1?-1:Math.max(Math.min(e.lineWidth,40),e.lineWidtha),u=r||e.flowLevel>-1&&n>=e.flowLevel;switch(f(t,u,e.indent,s,i)){case oe:return t;case se:return"'"+t.replace(/'/g,""")+""";case le:return"|"+m(t,e.indent)+g(o(t,a));case ue:return">"+m(t,e.indent)+g(o(y(t,s),a));case ce:return""+b(t,s)+"";default:throw new I("impossible error: invalid scalar style")}{()}function m(e,t){var n=" "===e[0]?String(t):"",r="\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"==e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"===e[e.length-1],i=r&&("\n"==e[e.length-1],i=r&&("\n"==e[e.length-1],i=r&&("\n"==e[e.length-1],i=r&&("\n"==e[e.length-1],i=r&&("\n"==e[e.length-1],i=r&&("\n"==e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],i=r&&("\n"=e[e.length-1],  $2]||"\n"===e),a=i?"+":r?"":"-":return n+a+"\n"}function g(e){return"\n"===e[e.length-1]?e.slice(0,-1):e}function g(e){return"\n"==e[e.length-1]?e.slice(0,-1):e}function g(e){return"\$ y(e,t){for(var n,r,i=/(\n+)([^\n]\*)/g,a=function(){var n=e.indexOf("\n");return n=n!==- $1?n:e.length,i.lastIndex=n,v(e.slice(0,n),t)(),o="\n"===e[0]|""===e[0];r=i.exec(e);){var s=r[1],l=r[2];n="variation"}$  $==1[0],a+=s+(o||n||^{""}==1?"":"|n")+v(1,t),o=n$  return a function v(e,t) if (""===e||" "===e[0]) return e; for (var  $l+="\n", l+=e.length-a>t\&\&o>a?e.slice(a,o)+"\n"+e.slice(o+1):e.slice(a), l.slice(1) \\ function b(e) \\ for(var, l+e, length-a) \\ for(var, l+e, leng$ t,n,r="",a=0;a<e.length;a++)t=e.charCodeAt(a),n=ie[t],r+=!n&&c(t)?e[a]:n||i(t);return r}function w(e,t,n){var} r,i,a="",o=e.tag;for(r=0,i=n.length;r<i;r+=1)j(e,t,n[r],!1,!1)&&(0!==r&&(a+=",a=0))"),a+=e.dump;e.tag=o,e.dump="["+a+"]"function \_(e,t,n,r){var  $i_{a,o} = "", l=e.tag; for(i=0,a=n.length; i<a; i+=1)j(e,t+1,n[i],!0,!0) & (r&0==i||(o+=s(e,t)), o+="-i+1) = (i-1)j(e,t+1,n[i],!0,!0) & (i-1)j(e,t+1,n[i],$ "+e.dump);e.tag=l,e.dump=o||"[]"}function x(e,t,n){var r,i,a,o,s,l="",u=e.tag,c=Object.keys(n);for(r=0,i=c.length;r<i;r+=1)s="",0!==r&&(s+=", "),a=c[r],o=n[a],j(e,t,a,!1,!1)&&(e.dump.length>1024&&(s+="?"),s+=e.dump+": $",j(e,t,o,!1,!1)\&\&(s+=e.dump,l+=s));e.tag=u,e.dump="{"+l+"}" function A(e,t,n,r){var}$ i,a,o,l,u,c,p="",h=e.tag,f=Object.keys(n);if(e.sortKeys===!0)f.sort();else if("function"==typeof e.sortKeys)f.sort(e.sortKeys);else if(e.sortKeys)throw new I("sortKeys must be a boolean or a g&&"?"!==e.tag||e.dump&&e.dump.length>1024,u&&(c+=e.dump&&P===e.dump.charCodeAt(0)?"?":"? ",c+=e.dump,p+=c));e.tag=h,e.dump=p||"{}" function S(e,t,n){var r, i, a, o, s, l; for (i=n?e.explicitTypes:e.implicitTypes, a=0, o=i.length; a < o; a+=1) if (s=i[a], (s.instanceOf]|s.predicate) & & (!s.predicate) = 0 a (s.instanceOf]|s.predicate) = 0 a (s.instanceOf]|s.instanceOf]|s.predicate) = 0 a (s.instanceOf]|s.predicate) = 0 a (s.instanceOf]|s.predicate) = 0 a (s.instanceOf]|s.predicate) = 0 a (s.instanceOf]|s.instanceOf]|s.predicate) = 0 a (s.instanceOf]|s.instanceOf]|s.instanceOf]|s.instanceOf]|s.instanceOf]|s.instanceOf]|s.instan.instanceOf||"object"==typeof t&&t instanceof s.instanceOf&(!s.predicate||s.predicate(t))) if (e.tag=n?s.tag:"?", s.represent) if (l=e.styleMap[s.tag]||s.defaultStyle, s.represent) is (l=e.styleMap[s.tag]||s.defaultStyle, s.represent) if (l=e.styleMap[s.tag]||s.defaultStyle, s.represent) is (l=e.styleMap[s.tag]||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s.tag||s."[object Function]"===M.call(s.represent))r=s.represent(t,l);else{if(!R.call(s.represent,l))throw new I("!<"+s.tag+'> tag resolver accepts not "'+l++" style');r=s.represent[1](t,1)}e.dump=r}return!0}return!1}function j(e,t,n,r,i,a){e.tag=null,e.dump=n,S(e,n,!1)||S(e,n,!0);var o=M.call(e.dump);r&&(r=e.flowLevel<0||e.flowLevel>t);var s,l,u="[object Object]"===o||"[object] Array]"===o;if(u&&(s=e.duplicates.indexOf(n),l=s!==- $1), (null!==e.tag\&\&"?"!==e.tag||l||2!==e.indent\&\&t>0)\&\&(i=!1), l\&\&e.usedDuplicates[s])e.dump="*ref_"+s;else{if}$ (u&&l&&!e.usedDuplicates[s]&&(e.usedDuplicates[s]=!0),"[object mp), l&& (e.dump="&ref\_"+s+" "+e.dump)); else if ("[object  $Array]"===0)r\&\&0!==e.dump.length?((e,t,e.dump,i),l\&\&(e.dump="\&ref_"+s+e.dump)):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump),l\&\&(e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.dump="array]):(w(e,t,e.d$ mp="&ref\_"+s+" "+e.dump));else{if("[object String]"!==o){if(e.skipInvalid)return!1;throw new I("unacceptable

kind of an object to dump

 $"+o) \ "?"!==e.tag \&\& d(e,e.dump,t,a) \ null!==e.tag \&\& "?"!==e.tag \&\& (e.dump="!<"+e.tag+">$ 

"+e.dump)}return!0}function E(e,t){var

 $n,r,i=[],a=[];for(O(e,i,a),n=0,r=a.length;n<r;n+=1)t.duplicates.push(i[a[n]]);t.usedDuplicates=new Array(r) \ function O(e,t,n) \ var r,i,a;if(null!==e\&"object"==typeof e)if(i=t.indexOf(e),i!==-1)n.indexOf(i)===-1\&\&n.push(i);else if(t.push(e),Array.isArray(e))for(i=0,a=e.length;i<a;i+=1)O(e[i],t,n);else$ 

 $for(r=Object.keys(e), i=0, a=r.length; i<a;i+=1)O(e[r[i]],t,n) \\ function \\ k(e,t) \\ \{t=t||\\ \}; var n=new \\ a(t); return \\ a(t); return \\ b(t) \\ a(t) \\ b(t) \\ b($ 

 $n.noRefs || E(e,n), j(n,0,e,!0,!0)?n.dump+"\n":"" \function T(e,t) \function K(e,C.extend(\schema:L\,t)) \function T(e,t) \function T(e,t) \function L(e,C.extend(\schema:L\,t)) \function T(e,t) \function T(e,t) \function L(e,C.extend(\schema:L\,t)) \function T(e,t) \function T(e,t) \function T(e,t) \function T(e,t) \function L(e,C.extend(\schema:L\,t)) \function T(e,t) \funct$ 

 $e.toString, R=Object.prototype.hasOwnProperty, U=9, P=10, q=32, B=33, z=34, N=35, \$=37, F=38, V=39, H=42, Y=44, J=45, W=58, Q=62, G=63, K=64, X=91, Z=93, ee=96, te=123, ne=124, re=125, ie={}; ie[0]="\\0", ie[7]="\\a", ie[8]="\\b", ie[9]="\\t", ie[10]="\\n", ie[11]="\\v", ie[12]="\\f", ie[13]="\\r", ie[27]="\\e", ie[34]="\\", ie[92]="\\\", ie[133]="\\N", ie[160]="\\_", ie[8232]="\\L", ie[8233]="\\P"; var$ 

ae=["y","Y","yes","YES","On","ON","ON","N","N","NO","NO","Off","Off","OFF"],oe=1,se=2,le=3,ue=4,ce=5;t.exports.dump=k,t.exports.safeDump=T},{"./common":21,"./exception":23,"./schema/default\_full":28,"./schema/default\_safe":29}],23:[function(e,t,n){"use strict";function

r(e,t){Error.call(this),Error.captureStackTrace?Error.captureStackTrace(this,this.constructor):this.stack=(new Error).stack||"",this.name="YAMLException",this.reason=e,this.mark=t,this.message=(this.reason||"(unknown reason)")+(this.mark?"

"+this.mark.toString():"")}r.prototype=Object.create(Error.prototype),r.prototype.constructor=r,r.prototype.toString =function(e){var t=this.name+": ";return t+=this.reason||"(unknown reason)",!e&&this.mark&&(t+="

"+this.mark.toString()),t},t.exports=r},{}],24:[function(e,t,n){"use strict";function r(e){return

10 == e ||13 == efunction i(e){return 9 == e ||32 == e}function a(e){return}

9 === e ||32 === e ||10 === e ||13 === e ||13 === e ||13 === e ||13 === e ||123 === e ||

120 == e?2:117 == e?4:85 == e?8:0 function u(e){return 48 <= e&&e<= 57?e-48:-1} function c(e){return 48 <= e&e<= 57?e-48:-1} function u(e){return 48 <= e&e<= 57?e-48:-1} function c(e){return 48 <= e&e<= 57?e-48:-1}

 $48 == e?" \ 0":97 == e?"$ 

":98===e?"\b":116===e?"\t":9===e?"\t":110===e?"\x0B":102===e?"\f":114===e?"\r":101===e?" ":32===e?"

":34 == e?"":47 == e?"/":92 == e?"/:95 == e?"":76 == e?"|u2028":80 == e?"|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|function|u2029":""|fun

 $p(e) \{ return \ e <= 65535? String.from CharCode(e): String.from CharCode((e-65536>>10)+55296, (e-65536>>10)+55296, (e-6556)+5000$ 

65536&1023)+56320)}function

 $\label{eq:heat} h(e,t) \{this.input=e,this.filename=t.filename||null,this.schema=t.schema||V,this.onWarning=t.onWarning||null,this.leg acy=t.legacy||!1,this.json=t.json||!1,this.listener=t.listener||null,this.implicitTypes=this.schema.compiledImplicit,this.typeMap=this.schema.compiledTypeMap,this.length=e.length,this.position=0,this.line=0,this.lineStart=0,this.lineInd ent=0,this.documents=[]}function f(e,t){return new N(t,new $(e.filename,e.input,e.position,e.line,e.position-e.lineStart))}function d(e,t){throw f(e,t)}function m(e,t){e.onWarning&&e.onWarning.call(null,f(e,t))}function g(e,t,n,r){var}$ 

 $i,a,o,s;if(t<n){if(s=e.input.slice(t,n),r)for(i=0,a=s.length;i<a;i+=1)o=s.charCodeAt(i),9===o||32<=o&&o<=1114111|$ |d(e,"expected valid JSON character");else Z.test(s)&&d(e,"the stream contains non-printable

 $characters"); e.result += s \} function \ y(e,t,n,r) \{ var \ i,a,o,s; for(z.isObject(n) || d(e,"cannot merge mappings; the provided source object is$ 

 $o,s;if(i=String(i),null===t\&\&(t={}),"tag:yaml.org,2002:merge"===r)if(Array.isArray(a))for(o=0,s=a.length;o<s;o+=1)y(e,t,a[o],n);else y(e,t,a,n);else e.json||H.call(n,i)||!H.call(t,i)||d(e,"duplicated mapping key"),t[i]=a,delete n[i];return t}function b(e){var}$ 

t; t=e.input.charCodeAt(e.position), 10===t?e.position++: 13===t?(e.position++, 10===e.input.charCodeAt(e.position), 10==t?e.position++: 13===t?(e.position++, 10==e.input.charCodeAt(e.position), 10==t?e.position++: 13===t?(e.position++, 10==e.input.charCodeAt(e.position), 10==t?e.position++: 13==t?(e.position++, 10==e.input.charCodeAt(e.position++, 10==t?e.position++: 13=t?e.position++: 13=t?e.position

 $\label{eq:solution} \end{tabular} \end{tab$ 

 $s,l,u,c,p,h,f,d,m,y=e.kind,v=e.result;if(m=e.input.charCodeAt(e.position),a(m)||o(m)||35===m||38===m||42===m||33===m||42===m||34===m||37===m||64===m||96===m)return!1;if((63===m||45===m)\&\&(l=e.input.charCodeAt(e.position+1),a(l)||n\&\&o(l)))return!1;for(e.kind="scalar",e.result="",u=c=e.position,p=!1;0!==m;) \\ if(58===m){if(l=e.input.charCodeAt(e.position+1),a(l)||n\&\&o(l))break}else$ 

if(35===m){if(s=e.input.charCodeAt(e.position-

 $1), a(s)) break \\ else \\ if (e.position == e.line \\ Start \\ \& _(e) || n \\ \& \\ \& \\ o(m)) \\ break; if (r(m)) \\ if (h=e.line, f=e.line \\ Start, d=e.line \\ In \\ ent, \\ w(e,!1,-b) \\ w(e,!1$ 

 $1), e.lineIndent>=t) p=!0, m=e.input.charCodeAt(e.position); continue e.position=c, e.line=h, e.lineStart=f, e.lineIndent=d; break} p&&(g(e,u,c,!1), x(e,e.line-interval)) p$ 

 $h), u=c=e.position, p=!1), i(m) \| (c=e.position+1), m=e.input.charCodeAt(++e.position) \} return$ 

 $g(e,u,c,!1), !!e.result || (e.kind=y,e.result=v,!1) \} function \ S(e,t) \{ var \ index (var) \} = 0$ 

 $\label{eq:nine} n,i,a; if (n=e.input.charCodeAt(e.position),39!==n) return!1; for (e.kind="scalar",e.result="",e.position++,i=a=e.position; n; 0!==(n=e.input.charCodeAt(e.position)); ) if (39===n) { if (g(e,i,e.position,!0),n=e.input.charCodeAt(++e.position), 39!==n) return!0; i=a=e.position,e.position++} else$ 

 $r(n)?(g(e,i,a,!0),x(e,w(e,!1,t)),i=a=e.position):e.position===e.lineStart\&\&_(e)?d(e,"unexpected end of the document within a single quoted scalar"):(e.position++,a=e.position);d(e,"unexpected end of the stream within a single quoted scalar")}function j(e,t){var}$ 

 $n, i, a, o, u, c; if (c=e.input.charCodeAt(e.position), 34! == c) return! 1; for (e.kind="scalar", e.result="",e.position++, n=i=e.position; 0!==(c=e.input.charCodeAt(e.position)); ) { if (34===c) return }$ 

 $g(e,n,e.position,!0),e.position++,!0;if(92===c){if(g(e,n,e.position,!0),c=e.input.charCodeAt(++e.position),r(c))w(e,!1,t);else if(c<256\&\&ie[c])e.result+=ae[c],e.position++;else if((u=l(c))>0){for(a=u,o=0;a>0;a--1)}}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{for(a=u,o=0;a>0;a--1)}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if(u=l(c))>0}{if$ 

)c=e.input.charCodeAt(++e.position),(u=s(c))>=0?o=(o<<4)+u:d(e,"expected hexadecimal

 $character"); e.result += p(o), e.position ++ \} else \ d(e, "unknown \ escape \ sequence"); n=i=e.position \} else$ 

 $r(c)?(g(e,n,i,!0),x(e,w(e,!1,t)),n=i=e.position):e.position===e.lineStart&\&_(e)?d(e,"unexpected end of the document within a double quoted scalar"):(e.position++,i=e.position) d(e,"unexpected end of the stream within a double quoted scalar") function E(e,t) var$ 

 $n,r,i,o,s,l,u,c,p,h,f,m=!0,g=e.tag,y=e.anchor,b={};if(f=e.input.charCodeAt(e.position),91===f)o=93,u=!1,r=[];else{if(123!==f)return!1;o=125,u=!0,r={}}for(null!==e.anchor&&(e.anchorMap[e.anchor]=r),f=e.input.charCodeAt(++e.position);0!==f;){if(w(e,!0,t),f=e.input.charCodeAt(e.position),f===o)return}$ 

e.position++, e.tag=g, e.anchor=y, e.kind=u?"mapping": "sequence", e.result=r, !0; m || d(e, "missed comma between flow collection to the second se

 $\label{eq:solution} n,a,o,s,l=G,c=!1,p=!1,h=t,f=0,m=!1;if(s=e.input.charCodeAt(e.position),124===s)a=!1;else{if(62!==s)return!1;a=!0} \\ for(e.kind="scalar",e.result="";0!==s;)if(s=e.input.charCodeAt(++e.position),43===s||45===s)G===1?l=43===s?X \\ :K:d(e,"repeat of a chomping mode identifier");else{if(!((o=u(s))>=0))break;0===o?d(e,"bad explicit indentation width of a block scalar; it cannot be less than one"):p?d(e,"repeat of an indentation width identifier"):(h=t+o-$ 

## 1,p=!0)}if(i(s)){do s=e.input.charCodeAt(++e.position);while(i(s));if(35===s)do

 $s=e.input.charCodeAt(++e.position); while(!r(s)\&\&0!==s) for(;0!==s;) \{for(b(e),e.lineIndent=0,s=e.input.charCodeAt(++e.position);(!p||e.lineIndent<h)\&\&32===s;)e.lineIndent++,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.lineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.ineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.ineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.ineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.ineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.ineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.ineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.ineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.ineIndent=0,s=e.input.charCodeAt(++e.position);if(!p&&e.ineIndent=$ 

"):e.result+=z.repeat("\n",f):e.result+=z.repeat("\n",c?1+f:f),c=!0,p=!0,f=0,n=e.position;!r(s)&&0!==s;)s=e.input.ch arCodeAt(++e.position);g(e,n,e.position,!1)} return!0}function k(e,t){var}

n,r,i,o=e.tag,s=e.anchor,l=[],u=!1;for(null!==e.anchor&&(e.anchorMap[e.anchor]=l),i=e.input.charCodeAt(e.position n);0!==i&&45===i&&(r=e.input.charCodeAt(e.position+1),a(r));)if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,e.position++,w(e,!0,-1));if(u=!0,u));if(u=!0,u);if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u));if(u=!0,u)

1)&&e.lineIndent<=t)l.push(null),i=e.input.charCodeAt(e.position);else

if(n=e.line,L(e,t,W,!1,!0),l.push(e.result),w(e,!0,-

 $\label{eq:root} r_0,s_1,u=e.tag,c=e.anchor,p=\{\},h=\{\},f=null,m=null,g=null,y=!1,b=!1;for(null!==e.anchor&&(e.anchorMap[e.anchor]=p),l=e.input.charCodeAt(e.position);0!==l;){if(r=e.input.charCodeAt(e.position+1),s=e.line,63!==l&&58!==l||!a(r)){if(!L(e,n,J,!1,!0))break;if(e.line===s){for(l=e.input.charCodeAt(e.position);i(l);)l=e.input.charCodeAt(++e.position);if(58===l)l=e.input.charCodeAt(++e.position),a(l)||d(e,"a whitespace character is expected after the key-value separator within a block$ 

mapping"),y&&(v(e,p,h,f,m,null),f=m=g=null),b=!0,y=!1,o=!1,f=e.tag,m=e.result;else{if(!b)return e.tag=u,e.anchor=c,!0;d(e,"can not read an implicit mapping pair; a colon is missed")}}else{if(!b)return e.tag=u,e.anchor=c,!0;d(e,"can not read a block mapping entry; a multiline key may not be an implicit key")}}else 63===l?(y&&(v(e,p,h,f,m,null),f=m=g=null),b=!0,y=!0,o=!0):y?(y=!1,o=!0):d(e,"incomplete explicit mapping pair; a key node is

 $\label{eq:missed} missed"), e.position+=1, l=r; if((e.line===s||e.lineIndent>t) \&\&(L(e,t,Q,!0,o)\&\&(y?m=e.result:g=e.result), y||(v(e,p,h,f,m,g),f=m=g=null), w(e,!0,-1), l=e.input.charCodeAt(e.position)), e.lineIndent>t\&\&0!==l)d(e,"bad indentation of a mapping entry"); else if(e.lineIndent<t) break } return$ 

y&&v(e,p,h,f,m,null),b&&(e.tag=u,e.anchor=c,e.kind="mapping",e.result=p),b}function C(e){var

 $t,n,r,i,o=!1,s=!1; if (i=e.input.charCodeAt(e.position),33!==i) return!1; if (null!==e.tag&&d(e,"duplication of a tag property"), i=e.input.charCodeAt(++e.position),60===i?(o=!0,i=e.input.charCodeAt(++e.position)):33===i?(s=!0,n="""",i=e.input.charCodeAt(++e.position)):n=""",t=e.position,o) {do}$ 

 $tag") else {for(;0!==i\&\&!a(i);)33===i\&\&(s?d(e,"tag suffix cannot contain exclamation marks"):(n=e.input.slice(t-1,e.position+1),ne.test(n)||d(e,"named tag handle cannot contain such$ 

characters"),s=!0,t=e.position+1)),i=e.input.charCodeAt(++e.position);r=e.input.slice(t,e.position),te.test(r)&&d(e,"t ag suffix cannot contain flow indicator characters")}return r&&!re.test(r)&&d(e,"tag name cannot contain such characters:

 $"+r), o?e.tag=r:H.call(e.tagMap,n)?e.tag=e.tagMap[n]+r:"!"===n?e.tag="!"+r:"!!"===n?e.tag="tag:yaml.org,2002:"+r:"(e,'undeclared tag handle "'+n+""),!0} function I(e){var}$ 

t,n;if(n=e.input.charCodeAt(e.position),38!==n)return!1;for(null!==e.anchor&&d(e,"duplication of an anchor property"),n=e.input.charCodeAt(++e.position),t=e.position;0!==n&&!a(n)&&!o(n);)n=e.input.charCodeAt(++e.po sition);return e.position===t&&d(e,"name of an anchor node must contain at least one

character"),e.anchor=e.input.slice(t,e.position),!0}function D(e){var

t,n,r;if(r=e.input.charCodeAt(e.position), 42!==r)return!1;for(r=e.input.charCodeAt(++e.position), t=e.position;0!==r &&!a(r)&&!o(r); r=e.input.charCodeAt(++e.position); return e.position===t&&d(e,"name of an alias node must contain at least one character"), n=e.input.slice(t,e.position), e.anchorMap.hasOwnProperty(n)||d(e,'unidentified alias node must contain at least one character"), n=e.input.slice(t,e.position), e.anchorMap.hasOwnProperty(n)||d(e,'unidentified alias node must contain at least one character"), n=e.input.slice(t,e.position), e.anchorMap.hasOwnProperty(n)||d(e,'unidentified alias node must contain at least one character"), n=e.input.slice(t,e.position), e.anchorMap.hasOwnProperty(n)||d(e,'unidentified alias node must contain at least one character"), n=e.input.slice(t,e.position), e.anchorMap.hasOwnProperty(n)||d(e,'unidentified alias node must contain at least one character"), n=e.input.slice(t,e.position), e.anchorMap.hasOwnProperty(n)||d(e,'unidentified alias node must contain at least one character"), n=e.input.slice(t,e.position), e.anchorMap.hasOwnProperty(n)||d(e,'unidentified alias node must contain at least one character"), n=e.input.slice(t,e.position), e.anchorMap.hasOwnProperty(n)||d(e,'unidentified alias node must contain at least one character"), n=e.input.slice(t,e.position), e.anchorMap.hasOwnProperty(n)||d(e,'unidentified alias node must contain at least one character"), n=e.input.slice(t,e.position), e.anchorMap.hasOwnProperty(n)||d(e,'unidentified alias node must contain at least one character"), n=e.input.slice(t,e.position), e.anchorMap.hasOwnProperty(n)||d(e,'unidentified alias node must contain at least one character"), n=e.input.slice(t,e.position), e.anchorMap.hasOwnProperty(n)||d(e,'unidentified alias node must contain at least one character"), n=e.input.slice(t,e.position), e.anchorMap.hasOwnProperty(n)||d(e,'unidentified alias node must contain at least one character"), n=e.input.slice(t,e.position), e.anchorMap.hasOwnProperty(n)||d(e,'unidentified alias node must

"'+n+""'),e.result=e.anchorMap[n],w(e,!0,-1),!0} function L(e,t,n,r,i){var

1)&&(m=!0,e.lineIndent>t?f=1:e.lineIndent===t?f=0:e.lineIndent<t&&(f=-1)), 1===f)for(;C(e)||I(e);)w(e,!0,-1)||I(e)||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|||I(e)|

1)?(m=!0,s=a,e.lineIndent>t?f=1:e.lineIndent===t?f=0:e.lineIndent<t&&(f=-

1)): s=!1; if (s&& (s=m || i), 1! == f&& Q! == n || (p=Y===n || J===n?t:t+1, h=e.position-1)): s=!1; if (s&& (s=m || i), 1! == f&& Q! == n || (p=Y===n || J===n?t:t+1, h=e.position-1)): s=!1; if (s&& (s=m || i), 1! == f&& Q! == n || (p=Y===n || J===n?t:t+1, h=e.position-1)): s=!1; if (s&& (s=m || i), 1! == f&& Q! == n || (p=Y===n || J===n?t:t+1, h=e.position-1)): s=!1; if (s&& Q! == n || (p=Y===n || J===n?t:t+1, h=e.position-1)): s=!1; if (s&& Q! == n || J===n?t:t+1, h=e.position-1)): s=!1; if (s&& Q! == n || (p=Y===n || J===n?t:t+1, h=e.position-1)): s=!1; if (s&& Q! == n || (p=Y===n || J===n?t:t+1, h=e.position-1)): s=!1; if (s&& Q! == n || (p=Y===n || J===n?t:t+1, h=e.position-1)): s=!1; if (s&& Q! == n || (p=Y===n || J===n?t:t+1, h=e.position-1)): s=!1; if (s&& Q! == n || (p=Y===n || J===n?t:t+1, h=e.position-1)): s=!1; if (s&& Q! == n || (p=Y===n || J===n?t:t+1, h=e.position-1)): s=!1; if (s&& Q! == n || (p=Y===n || J===n?t:t+1)): s=!1; if (s&& Q! == n || (p=Y===n || J===n?t:t+1)): s=!1; if (s&& Q! == n || (p=X===n || J===n?t:t+1)): s=!1; if (s&& Q! == n || (p=X===n || J===n?t:t+1)): s=!1; if (s&& Q! == n || (p=X===n || J===n?t:t+1)): s=!1; if (s&& Q! == n || (p=X===n || J===n?t:t+1)): s=!1; if (s&& Q! == n || (p=X===n || J===n?t:t+1)): s=!1; if (s&& Q! == n || (p=X===n || J===n?t:t+1)): s=!1; if (s&& Q! == n || (p=X===n)): s=!1; if (s&& Q! == n || (p=X==n)): s=!1; if (s&& Q! == n || (p=X===n)): s=!1; if (s&& Q! == n || (p=X==n)): s=!1; if (s & Q! == n || (p=X==n)):

e.lineStart, 1==f?s&&(k(e,h)||T(e,h,p))||E(e,p)?g=!0:(o&&O(e,p)||S(e,p)||j(e,p)?g=!0:D(e)?(g=!0,null==e.tag&&null==e.tag&&null==e.tag&&null==e.tag&&null==e.tag&&null==e.tag&&null==e.tag&&null=e.tag&anull=e.tag&anull=e.tag&anull=e.tag&anull=e.tag&anull=e.tag&anull=e.tag&anull=e.tag&anull=e.tag&anull=e.tag&anull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.taganull=e.tag

 $\label{eq:properties} (e.anchor A (e.anchor Map[e.anchor] = e.result): 0 == f & (g = s & (g = s & (e.result)); 0 == f & (g = s & (e.result)); 0 == f & (g = s & (e.result)); 0 == f & (g = s & (e.result)); 0 == f & (e.result); 0 = f & (e.result); 0 == f & (e.result); 0 = f & (e.$ 

H.call(e.typeMap,e.tag)?(c=e.typeMap[e.tag],null!==e.result&&c.kind!==e.kind&&d(e,"unacceptable node kind for !<"+e.tag+'> tag; it should be "'+c.kind+''', not

"'+e.kind+"''),c.resolve(e.result)?(e.result=c.construct(e.result),null!==e.anchor&&(e.anchorMap[e.anchor]=e.result)):d(e,"cannot resolve a node with !<"+e.tag+"> explicit tag")):d(e,"unknown tag !<"+e.tag+">");return

 $null!==e.listener \& e.listener ("close",e), null!==e.tag ||null!==e.anchor ||g \\ function \\ M(e) \\ \{var = 0, var = 0,$ 

 $t,n,o,s,l=e.position,u=!1; for(e.version=null,e.checkLineBreaks=e.legacy,e.tagMap=\{\},e.anchorMap=\{\}; 0!==(s=e.input.charCodeAt(e.position)) \& (w(e,!0,-1)) & (w(e,!0,-1))$ 

 $1), s=e.input.charCodeAt(e.position), !(e.lineIndent>0||37!==s));) {for(u=!0,s=e.input.charCodeAt(++e.position),t=e.position;0!==s\&\&!a(s);)s=e.input.charCodeAt(++e.position);for(n=e.input.slice(t,e.position),o=[],n.length<1\&\&d(e,"directive name must not be less than one character in the set of the set of$ 

length");0!==s;){for(;i(s);)s=e.input.charCodeAt(++e.position);if(35===s){do

s=e.input.charCodeAt(++e.position); while(0!==s&&!r(s)); break if(r(s)) break; for(t=e.position; 0!==s&&!a(s);)s=e.input.charCodeAt(++e.position); o.push(e.input.slice(t,e.position)) 0!==s&&b(e), H.call(se,n)?se[n](e,n,o):m(e,'unknown document directive "'+n+''') return w(e,!0,-

1),0===e.lineIndent&&45===e.input.charCodeAt(e.position)&&45===e.input.charCodeAt(e.position+1)&&45===e.input.charCodeAt(e.position+2)?(e.position+=3,w(e,!0,-1)):u&&d(e,"directives end mark is expected"),L(e,e.lineIndent-1,Q,!1,!0),w(e,!0,-1)):u&&d(e,"directives end mark is expected"),L(e,e.lineIndent-1,Q,!1,!0),w(e,!0,-1))

1),e.checkLineBreaks&&ee.test(e.input.slice(l,e.position))&&m(e,"non-ASCII line breaks are interpreted as content"),e.documents.push(e.result),e.position===e.lineStart&&\_(e)?void(46===e.input.charCodeAt(e.position)& &(e.position+=3,w(e,!0,-1))):void(e.position<e.length-1&&d(e,"end of the stream or a document separator is expected"))}function R(e,t){e=String(e),t=t||{},0!==e.length&&(10!==e.charCodeAt(e.length-

 $\label{eq:1} 1)\&\&13!==e.charCodeAt(e.length-1)\&\&(e+="\n"),65279===e.charCodeAt(0)\&\&(e=e.slice(1))); var n=new \\ h(e,t); for(n.input+="\0";32===n.input.charCodeAt(n.position);) n.lineIndent+=1, n.position+=1; for(;n.position<n.len gth-1;)M(n); return n.documents } function U(e,t,n) {var r,i,a=R(e,n); for(r=0,i=a.length;r<i;r+=1)t(a[r])} function \\ P(e,t) {var n=R(e,t); if(0!==n.length) {if(1===n.length)return n[0]; throw new N("expected a single document in the stream, but found more")} function q(e,t,n) {U(e,t,z.extend({schema:F},n))} function B(e,t){return P(e,z.extend({schema:F},t))} for(var) \\ P(e,t) {var n=R(e,t); if(0!=x,t) {u(e,t,x,t) {u(e,t,x,t)} {u(e,t,x,t) {u(e,t,x,t)} {u(e,t,x,t)} {u(e,t,x,t)} {u(e,t,x,t) {u(e,t,x,t)} {u(e,t,x,t)} {u(e,t,x,t)} {u(e,t,x,t) {u(e,t,x,t)} {u(e$ 

 $z=e("./common"), N=e("./exception"), \$=e("./mark"), F=e("./schema/default_safe"), V=e("./schema/default_full"), H= Object.prototype.hasOwnProperty, Y=1,J=2, W=3, Q=4, G=1, K=2, X=3, Z=/[\x00-\x08\x0B\x0C\x0E-\x1F\x7F- \x84\x86-\x9F\uFFFE\uFFFF]|[\uD800-\uDBFF]](?![\uDC00-\uDFFF])](?:[^\uD800-\uDBFF]])[(uD000-\uDFFF])](?:[^\uD800-\uDBFF]])[(uD000-\uDFFF])](?:[^\uD800-\uDBFF]])[(uD000-\uDFFF])](?:[^\uD800-\uDBFF]])[(uD000-\uDFFF])](?:[^\uD800-\uDBFF]])[(uD000-\uDFFF])](?:[^\uD800-\uDBFF]])[(uD000-\uDFFF])](?:[^\uD800-\uDBFF]])[(uD000-\uDFFF])](?:[^\uD800-\uDBFF]])[(uD000-\uDFFF])](?:[^\uD800-\uDBFF]])[(uD000-\uDFFF])](?:[^\uD800-\uDBFF]])[(uD000-\uDFFF])](?:[^\uD800-\uDBFF]])[(uD000-\uDFFF])](?:[^\uD800-\uDBFF]])[(uD000-\uDFFF])](?:[^\uD800-\uDBFF]])[(uD000-\uDFFF]])[(uD000-\uDFFF]])](?:[^\uD800-\uDBFF]])[(uD00-\uDFFF]])[(uD000-\uDFFF]])[(uD000-\uDFFF]])[(uD00-\uDFFF]])[(uD00-\uDFFF]])[(uD00-\uDFFF]])](?:[^\uD800-\uDBFF]])[(uD00-\uDFFF]])[(uD00-\uDFFF]])[(uD00-\uDFFF]])[(uD00-\uDFFF]])[(uD00-\uDFFF]])[(uD00-\uDFFF]])[(uD00-\uDFFF]])[(uD00-\uDFFF]])[(uD00-\uDFFF]])[(uD00-\uDFFF]])[(uD00-\uDFFF]])[(uD00-\uDFFF]])[(uD00-\uDFFF]])[(uD00-\uDFFF]])[(uD00-\uDFFF]])[(uD00-\uDFFF]])[(uD00-\uDFFF]]])[(uD00-\uDFFF]]])[(uD00-\uDFFF]]])[(uD00-\uDFFF]]])[(uD00-\uDFFF]]])[(uD00-\uDFFF]]]](uD00-\uDFFF]]]](uD00-\uDFFF]])[(uD00-\uDFFF]]]](uD00-\uDFFF]]])[(uD00-\uDFFF]]]](uD00-\uDFFF]]]])[(uD00-\uDFFF]]]])[(uD00-\uDFFF]]][(uD00-\uDFFF]]]](uD00-\uDFFF]]]]])[(uD00-\uDFFF]]][(uD00-\uDFFF]]]](uD00-\uDFFF]]]][(uD00-\uDFFF]]][(uD00-\uDFFF]]]][(uD00-\uDFFF]]]][(uD00-\uDFFF]]][(uD00-\uDFFF]]][(uD00-\uDFFF]]][(uD00-\uDFFF]]]][(uD00-\uDFFF]]][(uD00-\uDFFF]]]][(uD00-\uDFFF]]]][(uD00-\uDFFF]]][(uD00-\uDFFF]]]][(uD00-\uDFFF]]][(uD00-\uDFFF]]][(uD00-\uDFFF]]]][(uD00-\uDFFF]]]][(uD00-\uDFFF]]][(uD00-\uDFFF]]]][(uD00-\uDFFF]]][(uD00-\uDFFF]]][(uD00-\uDFFF]]]][(uD00-\uDFFF]]][(uD00-\uDFFF]]][(uD00-\uDFFF]]]][(uD00-\uDFFF]]][(uD00-\uDFFF]]][(uD00-\uDFFF]]][(uD00-\uDFFF]]][(uD00-\uDFFF]]][(uD00-\uDFFF]]][(uD00-\uDFFF]]][(uD00-\uDFFF]]][(uD00-\uDFF$ 

 $\label{eq:array} Array(256), oe=0; oe<256; oe++)ie[oe]=c(oe)?1:0, ae[oe]=c(oe); var se={YAML:function(e,t,n){var r,i,a;null!==e.version&&d(e,"duplication of %YAML directive"),1!==n.length&&d(e,"YAML directive accepts exactly one argument"), r=/^([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+).([0-9]+)$ 

document"),e.version=n[0],e.checkLineBreaks=a<2,1!==a&&2!==a&&m(e,"unsupported YAML version of the document")},TAG:function(e,t,n){var r,i;2!==n.length&&d(e,"TAG directive accepts exactly two arguments"),r=n[0],i=n[1],ne.test(r)||d(e,"ill-formed tag handle (first argument) of the TAG

directive"),H.call(e.tagMap,r)&&d(e,'there is a previously declared suffix for "'+r+" tag handle'),re.test(i)||d(e,"ill-formed tag prefix (second argument) of the TAG

directive"),e.tagMap[r]=i}};t.exports.loadAll=U,t.exports.load=P,t.exports.safeLoadAll=q,t.exports.safeLoad=B},{" ./common":21,"./exception":23,"./mark":25,"./schema/default\_full":28,"./schema/default\_safe":29}],25:[function(e,t,n){"use strict";function r(e,t,n,r,i){this.name=e,this.buffer=t,this.position=n,this.line=r,this.column=i}var

i=e("./common");r.prototype.getSnippet=function(e,t){var n,r,a,o,s;if(!this.buffer)return

 $\label{eq:linear} null; for (e=e||4,t=t||75,n="",r=this.position;r>0\&\&"\0\r\n\2028\2029".indexOf(this.buffer.charAt(r-1))==-1;) if (r=1,this.position-r>t/2-1) \{n="\ ...\ 2028\2029".indexOf(this.buffer.charAt(r-1))==-1; \ ...\ 2028\2029".indexOf(this.bu$ 

 $",r+=5;break \ for(a="",o=this.position;o<this.buffer.length \&\&"\0\r\n\2028\2029".indexOf(this.buffer.charAt(o))==-1;)if(o+=1,o-this.position>t/2-1) \ a=""...",o==5;break \ return \ s=this.buffer.slice(r,o),i.repeat(""...",o=5;break \ return \ s=$ 

",e)+n+s+a+"\n"+i.repeat(" ",e+this.position-r+n.length)+"^"},r.prototype.toString=function(e){var t,n="";return this.name&&(n+='in "'+this.name+"' '),n+="at line "+(this.line+1)+", column

 $"+(this.column+1),e||(t=this.getSnippet(),t\&\&(n+=":\n"+t)),n\},t.exports=r\},{"./common":21}],26:[function(e,t,n){"u se strict";function r(e,t,n){var i=[];return}}],t.exports=r],{"./common":21}],26:[function(e,t,n){"u se strict";function r(e,t,n){var i=[];return}}],t.exports=r],{"./common":21}],26:[function(e,t,n){"u se strict";function r(e,t,n){var i=[];return}}],t.exports=r],{"./common":21}],26:[function(e,t,n){"u se strict";function r(e,t,n){var i=[];return}}],t.exports=r],{"./common":21}],26:[function(e,t,n){"u se strict";function r(e,t,n){var i=[];return}}],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.exports=r],t.export$ 

 $e.include.forEach(function(e){n=r(e,t,n)}), e[t].forEach(function(e){n.forEach(function(t,n){t.tag===e.tag&&i.push(n)}), n.push(e)}), n.filter(function(e,t){return i.indexOf(t)===-1}))function i(){function e(e){r[e.tag]=e}var}) are a substituted of the subst$ 

t,n,r={};for(t=0,n=arguments.length;t<n;t+=1)arguments[t].forEach(e);return r}function

a(e){this.include=e.include||[],this.implicit=e.implicit||[],this.explicit=e.explicit||[],this.implicit.forEach(function(e){i f(e.loadKind&&"scalar"!==e.loadKind)throw new s("There is a non-scalar type in the implicit list of a schema. Implicit resolving of such types is not

supported.")}),this.compiledImplicit=r(this,"implicit",[]),this.compiledExplicit=r(this,"explicit",[]),this.compiledTyp eMap=i(this.compiledImplicit,this.compiledExplicit)}var

o=e("./common"),s=e("./exception"),l=e("./type");a.DEFAULT=null,a.create=function(){var

e,t;switch(arguments.length){case 1:e=a.DEFAULT,t=arguments[0];break;case 2:e=arguments[0],t=arguments[1]; break;default:throw new s("Wrong number of arguments for Schema.create

function")}if(e=o.toArray(e),t=o.toArray(t),!e.every(function(e){return e instanceof a}))throw new s("Specified list of super schemas (or a single Schema object) contains a non-Schema object.");if(!t.every(function(e){return e instanceof 1}))throw new s("Specified list of YAML types (or a single Type object) contains a non-Type object.");return new

a({include:e,explicit:t})},t.exports=a},{"./common":21,"./exception":23,"./type":32}],27:[function(e,t,n){"use strict";var r=e("../schema");t.exports=new

 $r(\{include:[e("./json")]\})\}, \{"../schema":26, "./json":31\}], 28:[function(e,t,n)\{"use strict"; var is a strict of the strict o$ 

r=e("../schema");t.exports=r.DEFAULT=new

r({include:[e("./default\_safe")],explicit:[e("../type/js/undefined"),e("../type/js/regexp"),e("../type/js/function")]})},{". ./schema":26,"../type/js/function":37,"../type/js/regexp":38,"../type/js/undefined":39,"./default\_safe":29}],29:[function(e,t,n){"use strict";var r=e("../schema");t.exports=new

 $r(\{include:[e("./core")],implicit:[e("../type/timestamp"),e("../type/merge")],explicit:[e("../type/binary"),e("../type/om ap"),e("../type/pairs"),e("../type/set")]\}) \}, \{"../schema":26,"../type/binary":33,"../type/merge":41,"../type/omap":43,"../type/pairs":44,"../type/set":46,"../type/timestamp":48,"./core":27\}],30:[function(e,t,n){"use strict";var r=e("../schema");t.exports=new$ 

 $r(\{explicit:[e("../type/str"),e("../type/seq"),e("../type/map")]\})\}, \{"../schema":26,"../type/map":40,"../type/seq":45,"../type/str":47\}],31:[function(e,t,n){"use strict";var r=e("../schema");t.exports=new}$ 

 $\label{eq:linear} r(\{include:[e("./failsafe")],implicit:[e("../type/null"),e("../type/bool"),e("../type/float")]\})\}, \{"../schema ":26,"../type/bool":34,"../type/float":35,"../type/int":36,"../type/null":42,"./failsafe":30}],32:[function(e,t,n){"use strict";function r(e){var t={};return}} r(e){var t={};return}$ 

 $null! == e\&\&Object.keys(e).forEach(function(n) \{e[n].forEach(function(e) \{t[String(e)]=n\})\}), t\} function$ 

 $i(e,t){if(t=t||{},Object.keys(t).forEach(function(t){if(o.indexOf(t)===-1)throw new a('Unknown option '''+t+''' is met in definition of '''+e+''' YAML$ 

type.')}),this.tag=e,this.kind=t.kind||null,this.resolve=t.resolve||function(){return!0},this.construct=t.construct||function(){return!0},this.construct=t.construct||function(){return!0},this.construct=t.construct||function(){return!0},this.construct=t.construct||function(){return!0},this.construct=t.construct||function(){return!0},this.construct=t.construct||function(){return!0},this.construct=t.construct||function(){return!0},this.construct=t.construct||function(){return!0},this.construct=t.construct||function(){return!0},this.construct=t.construct||function(){return!0},this.construct=t.construct||function(){return!0},this.construct=t.construct||function(){return!0},this.construct=t.construct||function(){return!0},this.construct=t.construct||function(){return!0},this.construct=t.construct||function(){return!0},this.construct=t.construct||function(){return!0},this.construct=t.construct||function(){return!0},this.construct=t.construct||function(){return!0},this.construct=t.construct||function(){return!0},this.construct=t.construct||function(){return!0},this.construct=t.construct||function(){return!0},this.construct=t.construct||function(){return!0},this.construct=t.construct=t.construct||function(){return!0},this.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct=t.construct

e},this.instanceOf=t.instanceOf||null,this.predicate=t.predicate||null,this.represent=t.represent||null,this.defaultStyle= t.defaultStyle||null,this.styleAliases=r(t.styleAliases||null),s.indexOf(this.kind)===-1)throw new a('Unknown kind "'+this.kind+''' is specified for "'+e+''' YAML type.')}var

a=e("./exception"),o=["kind","resolve","construct","instanceOf","predicate","represent","defaultStyle","styleAliases
"],s=["scalar","sequence","mapping"];t.exports=i},{"./exception":23}],33:[function(e,t,n){"use strict";function
r(e){if(null===e)return!1;var

 $t,n,r=0,i=e.length,a=p;for(n=0;n<i;n++)if(t=a.indexOf(e.charAt(n)),!(t>64)){if(t<0)return!1;r+=6}return r\%8===0{function i(e){var}}$ 

 $t,n,r=e.replace(/[\r\n=]/g,""),i=r.length,a=p,o=0,l=[];for(t=0;t<i;t++)t\%4===0\&\&t\&\&(l.push(o>>16\&255),l.push(o>>8\&255),l.push(255\&0)),o=o<<6|a.indexOf(r.charAt(t));return$ 

 $n=i\%4*6,0===n?(1.push(o>>16\&255),1.push(o>>8\&255),1.push(255\&o)):18===n?(1.push(o>>10\&255),1.push(o>>2\&255)):12===n\&1.push(o>>4\&255),s?new s(1):1{function a(e){var}}$ 

t,n,r="",i=0,a=e.length,o=p;for(t=0;t<a;t++)t%3===0&&t&&(r+=o[i>>18&63],r+=o[i>>12&63],r+=o[i>>6&63],r+=o[63&i]),i=(i<<8)+e[t];return

 $n=a\%3,0===n?(r+=o[i>>18\&63],r+=o[i>>12\&63],r+=o[i>>6\&63],r+=o[63\&i]):2===n?(r+=o[i>>10\&63],r+=o[i>>4\&63],r+=o[i<<2\&63],r+=o[i<<2\&63],r+=o[64]):1===n\&(r+=o[i>>2\&63],r+=o[i<<4\&63],r+=o[64],r+=o[64]),r\}$  function

 $o(e) \{ return \ s\&\&s.isBuffer(e) \} var \ s; try \{ var \ l=e; s=l("buffer").Buffer \} catch(u) \{ \} var \ s; try \{ var \ l=e; s=l("buffer").Buffer \} catch(u) \} var \ s \in \mathbb{C}$ 

c=e("../type"),p="ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/=\n\r";t.ex ports=new

c("tag:yaml.org,2002:binary",{kind:"scalar",resolve:r,construct:i,predicate:o,represent:a})},{"../type":32}],34:[funct ion(e,t,n){"use strict";function r(e){if(null===e)return!1;var t=e.length;return

 $4 == t \& \& ("true" == = e ||"True" == = e ||"TRUE" == = e) ||5 == = t \& \& ("false" == = e ||"False" == = e ||"FALSE" == = e) \} function$ 

 $i(e) \{ return "true" === e \| "True" === e \| "TRUE" === e \} function a(e) \{ return "[object === e ] \} function a(e) \{ return "[object === e ] \} function a(e) \{ return "[object === e ] \} function a(e) \{ return "[object === e ] \} function a(e) \{ return "[object === e ] \} function a(e) \{ return "[object === e ] \} function a(e) \{ return "[object === e ] \} function a(e) \{ return "[object === e ] \} function a(e) \{ return "[object === e ] \} function a(e) \{ return "[object === e ] \} function a(e) \{ return "[object === e ] \} function a(e) \{ return "[object === e ] \} function a(e) \{ return "[object === e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} function a(e) \{ return "[object == e ] \} func$ 

 $Boolean]"===Object.prototype.toString.call(e) \} var o=e("../type"); t.exports=new$ 

o("tag:yaml.org,2002:bool",{kind:"scalar",resolve:r,construct:i,predicate:a,represent:{lowercase:function(e){return e?"true":"false"},uppercase:function(e){return e?"TRUE":"FALSE"},camelcase:function(e){return

 $e?"True":"False"}, defaultStyle:"lowercase"}), {"../type":32}], 35: [function(e,t,n){"use strict"; function r(e){return null!==e&&!!u.test(e)}function i(e){var t,n,r,i; return t=e.replace(/_/g,"").toLowerCase(),n="-"===t[0]?-1:1,i=[],"+-".indexOf(t[0])>=0&&(t=t.slice(1)),".inf"===t?1===n?Number.POSITIVE_INFINITY:Number.NEGATIVE_INFINITY:".nan"===t?NaN:t.indexOf(":")>=0?(t.split(":").forEach(function(e){i.unshift(parseFloat(e,10))}),t=0,r=1,i.forEach(function(e){t+=e*r,r*=60}),n*t):n*parseFloat(t,10)}function a(e,t){var}$ 

n;if(isNaN(e))switch(t){case"lowercase":return".nan";case"uppercase":return".NAN";case"camelcase":return".NaN" }else

if(Number.POSITIVE\_INFINITY===e)switch(t){case"lowercase":return".inf";case"uppercase":return".INF";case"c amelcase":return".Inf"}else if(Number.NEGATIVE\_INFINITY===e)switch(t){case"lowercase":return"-

.inf";case"uppercase":return"-.INF";case"camelcase":return"-.Inf"}else if(s.isNegativeZero(e))return"-0.0";return n=e.toString(10),c.test(n)?n.replace("e",".e"):n}function o(e){return"[object

 $Number]"===Object.prototype.toString.call(e)\&\&(e\%1!==0||s.isNegativeZero(e))\} var$ 

 $s=e("../common"), l=e("../type"), u=new \ RegExp("^{(:[-+]?(::[0-9][0-9_]*)](.[0-9_]*(?:[eE][-+][0-9]+)?](.[0-9_]*(..., beta))) = 0$ 

 $9_{+}(?:[eE][-+][0-9]+)?[[-+]?[0-9][0-9_]*(?::[0-5]?[0-9])+ \ (0-9_]*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*[[-10-9]]) + \ (0-9_{-})*$ 

 $+]? \ (?: inf |Inf|INF)| \ (?: nan |NaN|NAN)) \ ), c = /^[-+]? [0-9] + e/; t. exports = new$ 

 $l("tag:yaml.org, 2002:float", \{kind: "scalar", resolve: r, construct: i, predicate: o, represent: a, defaultStyle: "lowercase" \})\}, \{lowercase", lowercase \}, \{lowercase, lowercase, lowe$ 

 $"../common":21,"../type":32 \}], 36: [function(e,t,n){"use strict"; function r(e){return r(e)}]}, 26: [function(e,t,n){"use strict"; function r(e)}], 26: [function(e,t,n){"use strict"; function(e,t,n){"use strict"; function(e,t,n$ 

 $48 <= e\&\&e <= 57 || 65 <= e\&\&e <= 70 || 97 <= e\&\&e <= 102 \} function i(e) \{return 48 <= e\&\&e <= 55 \} function a(e) \{return 48 <= e\&\&e <= 57 \} function o(e) \{if(null===e) return!1; var t, n=e.length, o=0, s=!1; if(!n) return!1; if(t=e[o], "-100 to 100 t$ 

 $"!==t\&\&"+"!==t||(t=e[++o]),"0"===t){if(o+1===n)return!0;if(t=e[++o],"b"===t){for(o++;o<n;o++)if(t=e[o],"_"!==t){if("0"!==t\&\&"1"!==t)return!1;s=!0}return}$ 

 $s if("x"===t) for(o++;o<n;o++)if(t=e[o],"\_"!==t) if(!r(e.charCodeAt(o)))return!1;s=!0 return$ 

 $s for(;o<n;o++)if(t=e[o],"\_"!==t) if(!i(e.charCodeAt(o)))return!1;s=!0 return if(t=e[o],"\_"!==t) if(t=e[o],"\_":=t) if(t=e[o],"":=t) if(t=$ 

 $s for(; o<n; o++)if(t=e[o], "_"!==t) if(":"===t) break; if(!a(e.charCodeAt(o))) return!1; s=!0 return!! s\&\&(":"!==t||/^(:[0-5]?[0-9])+$/.test(e.slice(o))) function s(e) var t, n, r=e, i=1, a=[]; return r.indexOf("_")!==-$ 

 $1\&\&(r=r.replace(/_/g,"")),t=r[0],"-"!==t\&\&"+"!==t||("-"===t\&\&(i=-t)),t=r[0],"-"!==t\&\&(i=-t)$ 

1), r=r.slice(1), t=r[0]), "0"===r?0:"0"===t?"b"===r[1]?i\*parseInt(r.slice(2),2):"x"===r[1]?i\*parseInt(r,16):i\*parseInt(r,8):r.indexOf(":")!==-

 $1? (r.split(":").forEach(function(e) \{a.unshift(parseInt(e,10))\}), r=0, n=1, a.forEach(function(e) \{r+=e^n, n^*=60\}), i^*r): i^* parseInt(r,10) \} function l(e) \{return"[object] \} (return"[object] \} (return"[object] ), i^*r): i^* parseInt(r,10) \} (return"[object] ), i^$ 

 $Number]"===Object.prototype.toString.call(e)\&\&e\%1===0\&\&!u.isNegativeZero(e)\} variable and the set of the set$ 

u=e("../common"),c=e("../type");t.exports=new

c("tag:yaml.org,2002:int",{kind:"scalar",resolve:o,construct:s,predicate:l,represent:{binary:function(e){return"0b"+ e.toString(2)},octal:function(e){return"0"+e.toString(8)},decimal:function(e){return

e.toString(10)},hexadecimal:function(e){return"0x"+e.toString(16).toUpperCase()}},defaultStyle:"decimal",styleAli ases:{binary:[2,"bin"],octal:[8,"oct"],decimal:[10,"dec"],hexadecimal:[16,"hex"]}})},{"../common":21,"../type":32}],37:[function(e,t,n){"use strict";function r(e){if(null===e)return!1;try{var}}

 $t="("+e+")", n=s. parse(t, \{range: !0\}); return "Program"===n.type \&\& 1===n.body.length \&\& "ExpressionStatement"===n.body[0].type \&\& "FunctionExpression"===n.body[0].expression.type } catch(r) \{return!1\} \} function i(e) \{var=0, var=0, var$ 

 $t,n="("+e+")",r=s.parse(n,{range:!0}),i=[];if("Program"!==r.type||1!==r.body.length||"ExpressionStatement"!==r.body[0].type||"FunctionExpression"!==r.body[0].expression.type)throw new Error("Failed to resolve function");return for the second sec$ 

 $r.body[0].expression.params.forEach(function(e) \{ i.push(e.name) \}), t=r.body[0].expression.body.range, new line (a start of the star$ 

Function(i,n.slice(t[0]+1,t[1]-1))}function a(e){return e.toString()}function o(e){return"[object

Function]"===Object.prototype.toString.call(e)}var s;try{var l=e;s=l("esprima")}catch(u){"undefined"!=typeof window&&(s=window.esprima)}var c=e(".././type");t.exports=new

c("tag:yaml.org,2002:js/function",{kind:"scalar",resolve:r,construct:i,predicate:o,represent:a})},{"../../type":32}],38: [function(e,t,n){"use strict";function r(e){if(null===e)return!1;if(0===e.length)return!1;var

 $t=e,n=//([gim]^*)\/.exec(e),r="";if("/"===t[0])\/if(n\&\&(r=n[1]),r.length>3)return!1;if("/"!==t[t.length-r.length-1])return!1\/return!0\/function i(e)\/var$ 

 $t=e,n=//([gim]^*)\/.exec(e),r="";return"/"===t[0]\&\&(n\&\&(r=n[1]),t=t.slice(1,t.length-r.length-1)),new[new]$ 

RegExp(t,r)}function a(e){var t="/"+e.source+"/";return

 $e.global\&\&(t+="g"), e.multiline\&\&(t+="m"), e.ignoreCase\&\&(t+="i"), t\} function o(e) \{return"[object] : function o(e) = 0 \} function o(e) = 0 \} function o(e) = 0$ 

RegExp]"===Object.prototype.toString.call(e)}var s=e("../../type");t.exports=new

s("tag:yaml.org,2002:js/regexp",{kind:"scalar",resolve:r,construct:i,predicate:o,represent:a})},{".././type":32}],39:[f unction(e,t,n){"use strict";function r(){return!0}function i(){}function a(){return"}function

o(e){return"undefined"==typeof e}var s=e("../../type");t.exports=new

s("tag:yaml.org,2002:js/undefined",{kind:"scalar",resolve:r,construct:i,predicate:o,represent:a})},{"../../type":32}],4 0:[function(e,t,n){"use strict";var r=e("../type");t.exports=new

r("tag:yaml.org,2002:map",{kind:"mapping",construct:function(e){return

 $\label{eq:strict} null!==e?e:\{\}\}), \{"../type":32\}], 41: [function(e,t,n) \{"use strict"; function r(e) \{return"<<"===e||null===e \} var i=e("../type"); t.exports=new$ 

i("tag:yaml.org,2002:merge",{kind:"scalar",resolve:r})},{"../type":32}],42:[function(e,t,n){"use strict";function r(e){if(null===e)return!0;var t=e.length;return

 $1 ===t\&\&"\sim"==e||4===t\&\&("null"===e||"Null"===e||"NULL"===e) \\ function i() \{return null \} function a(e) \{return null===e \} var o=e("../type"); t.exports=new$ 

o("tag:yaml.org,2002:null",{kind:"scalar",resolve:r,construct:i,predicate:a,represent:{canonical:function(){return"~"}},lowercase:function(){return"null"},uppercase:function(){return"NULL"},camelcase:function(){return"Null"}},def aultStyle:"lowercase"})},{"../type":32}],43:[function(e,t,n){"use strict";function r(e){if(null===e)return!0;var t,n,r,i,a,l=[],u=e;for(t=0,n=u.length;t<n;t+=1){if(r=u[t],a=!1,"[object Object]"!==s.call(r))return!1;for(i in r)if(o.call(r,i)){if(a)return!1;a=!0}if(!a)return!1;if(1.indexOf(i)!==-1)return!1;l.push(i)}return!0}function i(e){return null!==e?e:[]}var a=e("../type"),o=Object.prototype.hasOwnProperty,s=Object.prototype.toString;t.exports=new a("tag:yaml.org,2002:omap",{kind:"sequence",resolve:r,construct:i})},{"../type":32}],44:[function(e,t,n){"use strict";function r(e){if(null===e)return!0;var t,n,r,i,a,s=e;for(a=new

Array(s.length),t=0,n=s.length;t<n;t+=1){if(r=s[t],"[object

Object]"!==0.call(r))return!1; if (i=Object.keys(r), 1!==i.length)return!1; a[t]=[i[0],r[i[0]]] return!0} function i(e) { if (null==e)return[]; var t, n, r, i, a, o=e; for (a=new

Array(o.length),t=0,n=o.length;t<n;t+=1)r=o[t],i=Object.keys(r),a[t]=[i[0],r[i[0]]];return a}var

a=e("../type"),o=Object.prototype.toString;t.exports=new

 $a("tag:yaml.org,2002:pairs", \{kind:"sequence", resolve:r, construct:i\})\}, \{"../type":32\}], 45:[function(e,t,n){"use strict"; var r=e("../type"); t.exports=new r("tag:yaml.org,2002:seq", \{kind:"sequence", construct:function(e){return null!==e?e:[]}})\}, {"../type":32}], 46:[function(e,t,n){"use strict"; function r(e){if(null===e)return!0; var t, n=e; for(t in n)if(o.call(n,t)&&null!==n[t])return!1; return!0}function i(e){return null!==e?e:{}} var$ 

 $a{=}e("../type"), o{=}Object.prototype.hasOwnProperty; t.exports{=}new$ 

a("tag:yaml.org,2002:set",{kind:"mapping",resolve:r,construct:i})},{"../type":32}],47:[function(e,t,n){"use strict";var r=e("../type");t.exports=new r("tag:yaml.org,2002:str",{kind:"scalar",construct:function(e){return null!==e?e:""}})},{"../type":32}],48:[function(e,t,n){"use strict";function r(e){return null!=e?e?e"}})},{"../type":32}],48:[function(e,t,n){"use strict";function r(e){return null!=e?e?e"}})},{"../type":32}],{"../type":32}],{"../type":32}],{"../type":32}],{"../type"},{"../type":32}],{"../type":32}],{"../type"},{"../type":32}],{"../type"},{"../type":32}],{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"../type"},{"

 $null!==e\&\&(null!==s.exec(e)||null!==l.exec(e))\} function \ i(e) \{var = i \} = i \} function \ i(e) = i \} = i \} function \ i(e) = i \} = i \} function \ i(e) \{var = i \} = i ]$ 

t,n,r,i,a,o,u,c,p,h,f=0,d=null; if (t=s.exec(e),null===t&&(t=l.exec(e)),null===t) throw new Error("Date resolve error"); if (n=+t[1],r=+t[2]-1,i=+t[3],!t[4]) return new for the term of term of

 $\label{eq:Date(Date.UTC(n,r,i)); if (a=+t[4], o=+t[5], u=+t[6], t[7]) for (f=t[7].slice(0,3); f.length<3;) f+="0"; f=+f } return t[9] \&\& (c=+t[10], p=+(t[11]||0), d=6e4*(60*c+p), "-"===t[9] \&\& (d=-d)), h=new for all the set of th$ 

 $o("tag:yaml.org,2002:timestamp",{kind:"scalar",resolve:r,construct:i,instanceOf:Date,represent:a})},{"../type":32}], 49:[function(e,t,n){function r(e,t,n){var r=e?e.length:0;if(!r)return-1;if("number"==typeof n)n=n<0?o(r+n,0):n;else if(n){var s=a(e,t);return s<r&&(t===t?t===e[s]:e[s]!==e[s])?s:-1}return i(e,t,n||0)}var$ 

i=e("../internal/baseIndexOf"),a=e("../internal/binaryIndex"),o=Math.max;t.exports=r},{"../internal/baseIndexOf":78 ,"../internal/binaryIndex":92}],50:[function(e,t,n){function r(e){var t=e?e.length:0;return t?e[t-1]:void

```
0}t.exports=r},{}],51:[function(e,t,n){function r(e){if(l(e)&&!s(e)&&!(e instanceof i)){if(e instanceof a)return e;if(p.call(e,"__chain__')&&p.call(e,"_wrapped__'))return u(e)}return new a(e)}var
```

```
i=e("../internal/LazyWrapper"),a=e("../internal/LodashWrapper"),o=e("../internal/baseLodash"),s=e("../lang/isArray"),l=e("../internal/isObjectLike"),u=e("../internal/wrapperClone"),c=Object.prototype,p=c.hasOwnProperty;r.prototyp e=o.prototype,t.exports=r},{"../internal/LazyWrapper":60,"../internal/LodashWrapper":61,"../internal/baseLodash":8 2,"../internal/isObjectLike":126,"../internal/wrapperClone":137,"../lang/isArray":140}],52:[function(e,t,n){t.exports=e("../forEach")},{"./forEach"},{"../internal/sole_clone":137,"../lang/isArray":140}],52:[function(e,t,n){t.exports=e("../forEach")},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEach"},{"../forEac
```

 $r=e("../internal/baseEach"), i=e("../internal/createFind"), a=i(r); t.exports=a \}, \{"../internal/baseEach":71, "../internal/createFind":102 \}], 54: [function(e,t,n) \{ var (t,t) \} \}$ 

 $r=e("../internal/arrayEach"), i=e("../internal/baseEach"), a=e("../internal/createForEach"), o=a(r,i); t.exports=o \}, \{"../internal/arrayEach":63, "../internal/baseEach":71, "../internal/createForEach":103 \}], 55: [function(e,t,n) {function r(e,t,n,r) {var h=e?a(e):0; return l(h)||(e=c(e),h=e.length), n="number"!=typeof$ 

n || r && s(t,n,r) ? 0: n < 0 ? p(h+n,0): n || 0, "string" == type of e || ! o(e) && u(e) ? n < = h && e.indexOf(t,n) > -1: !! h && i(e,t,n) > -1: !! h & i(e,t,n) > -1: !! h && i(e,t,n) > -1: !! h && i(h,

1}var

i=e("../internal/baseIndexOf"),a=e("../internal/getLength"),o=e("../lang/isArray"),s=e("../internal/isIterateeCall"),l=e("../internal/isLength"),u=e("../lang/isString"),c=e("../object/values"),p=Math.max;t.exports=r},{"../internal/baseIndexOf":78,"../internal/getLength":112,"../internal/isIterateeCall":122,"../internal/isLength":125,"../lang/isArray":140,".../lang/isString":146,"../object/values":152}],56:[function(e,t,n){function r(e,t,n){var r=s(e)?i:o;return t=a(t,n,3),r(e,t)}var

 $i=e("../internal/arrayMap"), a=e("../internal/baseCallback"), o=e("../internal/baseMap"), s=e("../lang/isArray"); t.export s=r , {"../internal/arrayMap":64,"../internal/baseCallback":67,"../internal/baseMap":83,"../lang/isArray":140 }], 57: [function(e,t,n) {var r=e("../internal/getNative"), i=r(Date, "now"), a=i||function() {return(new$ 

 $Date).getTime() \} ; t.exports = a \}, \{"../internal/getNative": 114 \}], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 \}], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 \}], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 \}], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 \}], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 \}], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 \}], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 \}], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 \}], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 \}], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 \}], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 \}], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 \}], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 ], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 ], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 ], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 ], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 ], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 ], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 ], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 ], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 ], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 ], 58: [function(e,t,n) \{ var = 0 \}, [not internal/getNative": 114 ], [not internal/getNative"$ 

 $r=e("../internal/createWrapper"), i=e("../internal/replaceHolders"), a=e("./restParam"), o=1, s=32, l=a(function(e,t,n) \{ var a=o; if(n.length) \{ var u=i(n,l.placeholder); a|=s \}$ return

 $t,0),0=Array(i);++r<i;0[r]=n[t+r];switch(t){case 0:return e.call(this,0);case 1:return e.call(this,n[0],0);case 2:return e.call(this,n[0],n[1],0)}var s=Array(t+1);for(r=-1;++r<t;)s[r]=n[r];return s[t]=0,e.apply(this,s)}var i="Expected a function",a=Math.max;t.exports=r},{}],60:[function(e,t,n){function}]$ 

r(e){this.\_wrapped\_=e,this.\_actions\_=[],this.\_dir\_=1,this.\_filtered\_=!1,this.\_iteratees\_=[],this.\_takeCo unt\_=o,this.\_views\_=[]}var

 $r(e,t,n) \{ this.\_wrapped\_=e,this.\_actions\_=n \| [],this.\_chain\_=!!t \} var$ 

i=e("./baseCreate"),a=e("./baseLodash");r.prototype=i(a.prototype),r.prototype.constructor=r,t.exports=r},{"./baseCr eate":70,"./baseLodash":82}],62:[function(e,t,n){function r(e,t){var n=-

 $\label{eq:linear} 1,r=e.length;for(t||(t=Array(r));++n<r;)t[n]=e[n];return t]t.exports=r],{]],63:[function(e,t,n){function r(e,t){for(var n=-1,r=e.length;++n<r&&t(e[n],n,e)!==!1;);return e]t.exports=r],{]],64:[function(e,t,n){function r(e,t){for(var n=-1,r=e.length,i=Array(r);++n<r;)i[n]=t(e[n],n,e);return i]t.exports=r],{]],65:[function(e,t,n){function r(e,t){for(var n=-1,r=e.length;++n<r;)if(t(e[n],n,e));return!]}t.exports=r],{]],66:[function(e,t,n){function r(e,t){for(var n=-1,r=e.length;++n<r;)if(t(e[n],n,e));return!]}t.exports=r],{]],66:[function(e,t,n){function r(e,t){for(var n=-1,r=e.length;++n<r;)if(t(e[n],n,e));return!]}t.exports=r],{]],66:[function(e,t,n){function r(e,t){for(var n=-1,r=e.length;++n<r;)if(t(e[n],n,e));return!]}t.exports=r],{]],66:[function(e,t,n){function r(e,t){for(var n=-1,r=e.length;++n<r;)if(t(e[n],n,e));return!]}t.exports=r],{]],66:[function(e,t,n){function r(e,t){return null==t?e:i(t,a(t),e)}var]}}t.exports=r],{]],66:[function(e,t,n){function r(e,t){return null==t?e:i(t,a(t),e)}var]}t.exports=r],{]],66:[function(e,t,n){function r(e,t){return null==t?e:i(t,a(t),e)}var]}t.exports=r],{]],66:[function(e,t,n){function r(e,t){return null==t?e:i(t,a(t),e)}var]}t.exports=r],{]],66:[function(e,t,n){function r(e,t){return null==t?e:i(t,a(t),e)}var]}t.exports=r],{]],66:[function(e,t,n){function r(e,t){return null=t}et]}t.exports=r],{]],66:[function(e,t,n){function r(e,t){return null=t}et]}t.exports=r],{]],66:[function(e,t,n){functi$ 

 $i=e("./baseCopy"),a=e("../object/keys");t.exports=r\}, \{"../object/keys":149,"./baseCopy":69\}], 67:[function(e,t,n){function r(e,t,n){var r=typeof e;return"function"==r?void 0===t?e:o(e,t,n):null==e?s:"object"==r?i(e):void 0===t?l(e):a(e,t)}var$ 

i=e("./baseMatches"),a=e("./baseMatchesProperty"),o=e("./bindCallback"),s=e("../utility/identity"),l=e("../utility/property");t.exports=r},{"../utility/identity":154,"../utility/property":156,"./baseMatches":84,"./baseMatchesProperty":8 5,"./bindCallback":94}],68:[function(e,t,n){function r(e,t,n,m,g,y,v){var w;if(n&&(w=g?n(e,m,g):n(e)),void

 $0!{=}{=}w) \\ return \ w; \\ if(!f(e)) \\ return \ e; \\ var \_{=}p(e); \\ if(\_) \\ \{if(w{=}l(e), !t) \\ return \ i(e,w) \\ \} \\ else \\ \{var \ e, w \\ var \$ 

 $A=B.call(e), S=A==b; if (A!=x\&\&A!=d\&\&(!S||g)) return \ P[A]?u(e,A,t):g?e:\{\}; if (h(e)) return \ P[A]?u(e,A,t):g?e:\{\};$ 

 $g?e:\{\}; if(w=c(S?\{\}:e),!t)return o(w,e)\}y||(y=[]),v||(v=[]); for(var j=y.length;j--;)if(y[j]==e)return v[j]; return y.push(e),v.push(w),(_?a:s)(e,function(i,a)\{w[a]=r(i,t,n,a,e,y,v)\}),w\}var$ 

i=e("./arrayCopy"),a=e("./arrayEach"),o=e("./baseAssign"),s=e("./baseForOwn"),l=e("./initCloneArray"),u=e("./init CloneByTag"),c=e("./initCloneObject"),p=e("../lang/isArray"),h=e("./isHostObject"),f=e("../lang/isObject"),d="[obj ect Arguments]",m="[object Array]",g="[object Boolean]",y="[object Date]",v="[object Error]",b="[object Function]",w="[object Map]",\_="[object Number]",x="[object Object]",A="[object RegExp]",S="[object Set]",j="[object String]",E="[object WeakMap]",O="[object ArrayBuffer]",k="[object Float32Array]",T="[object Float64Array]",C="[object Int8Array]",I="[object Int16Array]",D="[object Int32Array]",L="[object Uint8Array]",M="[object Uint8ClampedArray]",R="[object Uint16Array]",U="[object Uint32Array]",P={};P[d]=P[m]=P[O]=P[g]=P[y]=P[k]=P[T]=P[C]=P[I]=P[D]=P[\_]=P[A]=P[j]=P[L]=P[M]= P[R]=P[U]=!0,P[v]=P[b]=P[w]=P[S]=P[E]=!1;var

 $\label{eq:q=Object.prototype,B=q.toString;t.exports=r}, \{"../lang/isArray":140,"../lang/isObject":144,"./arrayCopy":62,"./array Each":63,"./baseAssign":66,"./baseForOwn":76,"./initCloneArray":116,"./initCloneByTag":117,"./initCloneObject": 118,"./isHostObject":120}],69:[function(e,t,n){function r(e,t,n){n||(n={});for(var r=-1,i=t.length;++r<i;){var a=t[r];n[a]=e[a]}return n}t.exports=r},{}],70:[function(e,t,n){var r=e("../lang/isObject"),i=function(){function e(){}return function(t){if(r(t)){e.prototype=t;var n=new e;e.prototype=void 0}return n||{}}();t.exports=i},{"../lang/isObject":144}],71:[function(e,t,n){var r=e("./baseForOwn":76,"./createBaseEach":98}],72:[f unction(e,t,n){function r(e,t,n){if(t(e,n,a))return n(e,t,n);var r=e(m,t)})} area.prototype=trefuture n(e,t,n){if(t(e,n,a))return n(e,t,n);var r=e(m,t)}) area.prototype=trefuture n(e,t,n){if(t(e,n,a))return n(e,t,n);$ 

 $i=r?n:e,!1\}), i\}t.exports=r\}, \{\}], 73:[function(e,t,n){function r(e,t,n){for(var r=e.length,i=n?r:-1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i--1;n?i-1;n?i--1;n?i--1;n?i--1;n?i-1$ 

:++i < r; if (t(e[i],i,e)) return i; return-1 t.exports=r, {}], 74: [function(e,t,n) {var}

 $r=e("./createBaseFor"), i=r(); t.exports=i \}, \{"./createBaseFor":99 \}], 75:[function(e,t,n) \{function r(e,t) \{return i(e,t,a) \} var$ 

 $i=e("./baseFor"),a=e("../object/keysIn");t.exports=r\}, {"../object/keysIn":150,"./baseFor":74}], 76:[function(e,t,n){function r(e,t){return i(e,t,a)}var}]$ 

 $i=e("./baseFor"),a=e("../object/keys");t.exports=r\}, {"../object/keys":149,"./baseFor":74}], 77:[function(e,t,n){function(e,t,n){if(null!=e){e=i(e),void 0!==n&&n in e&&(t=[n]);for(var)}} ], 77:[function(e,t,n){function(e,t,n){if(null!=e){e=i(e),void 0!==n&&n in e&&(t=[n]);for(var)}} ], 77:[function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function(e,t,n){function($ 

 $r=0,a=t.length;null!=e\&\&r<a;)e=i(e)[t[r++]];return r\&\&r==a?e:void 0\} \} var$ 

 $i=e("./toObject");t.exports=r\}, \{"./toObject":135\}], 78: [function(e,t,n){function r(e,t,n){if(t!==t)return i(e,n);for(var r=n-1,a=e.length;++r<a;)if(e[r]===t)return r;return-1}var$ 

 $i=e("./indexOfNaN"); t.exports=r\}, \{"./indexOfNaN":115\}], 79: [function(e,t,n) \{function(e,t,n,s,l,u) \{return(e,t,n,s,l,u), return(e,t,n,s,l,u), return(e,$ 

 $e{=}{=}t{\|(null{=}e{\|null{=}t\|!a(e)\&\&!o(t)?e!{=}{=}e\&\&t!{=}{=}t:i(e,t,r,n,s,l,u))\}var}$ 

i=e("./baseIsEqualDeep"),a=e("../lang/isObject"),o=e("./isObjectLike");t.exports=r},{"../lang/isObject":144,"./baseIsEqualDeep":80,"./isObjectLike":126}],80:[function(e,t,n){function r(e,t,n,r,f,g,y){var}}

 $v=s(e), b=s(t), w=p, _=p; v || (w=m.call(e), w==c?w=h:w!=h\&\&(v=u(e))), b || (_=m.call(t), _==c?_=h:_!=h\&\&(b=u(t))); var x=w==h\&\&!l(e), A=_==h\&\&!l(t), S=w==_; if(S\&\&!v\&\&!x) return a(e,t,w); if(!f) {var basis of the set of the set$ 

 $j=x\&\&d.call(e,"\_wrapped\_"), E=A\&\&d.call(t,"\_wrapped\_"); if(j||E)return$ 

 $n(j?e.value():e,E?t.value():t,r,f,g,y) \\ if(!S)return!1;g||(g=[]),y||(y=[]); \\ for(var \ O=g.length;O--;) \\ if(g[O]==e)return \\ for(v$ 

y[O]==t;g.push(e),y.push(t);var k=(v?i:o)(e,t,n,r,f,g,y);return g.pop(),y.pop(),k}var

i=e("./equalArrays"),a=e("./equalByTag"),o=e("./equalObjects"),s=e("../lang/isArray"),l=e("./isHostObject"),u=e("../ lang/isTypedArray"),c="[object Arguments]",p="[object Array]",h="[object

Object]",f=Object.prototype,d=f.hasOwnProperty,m=f.toString;t.exports=r},{"../lang/isArray":140,"../lang/isTyped Array":147,"./equalArrays":107,"./equalByTag":108,"./equalObjects":109,"./isHostObject":120}],81:[function(e,t,n) {function r(e,t,n){var r=t.length,o=r,s=!n;if(null==e)return!o;for(e=a(e);r--;){var}}

 $l=t[r]; if(s\&\&l[2]?l[1]!==e[l[0]]:!(l[0]in e)) return!1 for(;++r<o;) \{l=t[r]; var u=l[0], c=e[u], p=l[1]; if(s\&\&l[2]) \{if(void 0==c\&\&!(u in e)) return!1 \} else \{var h=n?n(c,p,u):void 0; if(!(void 0===h?i(p,c,n,!0):h)) return!1 \} return!0 \} var below the set of t$ 

 $i=e("./baseIsEqual"),a=e("./toObject");t.exports=r\}, {"./baseIsEqual":79,"./toObject":135}], 82:[function(e,t,n){function r(e,t)}{var n=-1,r=a(e)?Array(e.length):[];return}$ 

```
i(e, function(e, i, a) \{r[++n]=t(e, i, a)\}), r\} var
```

```
i=e("./baseEach"),a=e("./isArrayLike");t.exports=r\}, {"./baseEach":71,"./isArrayLike":119}],84:[function(e,t,n){function (e){var t=a(e);if(1==t.length&&t[0][2]){var n=t[0][0],r=t[0][1];return function(e){return}}}
```

 $i=e("./baseIsMatch"), a=e("./getMatchData"), o=e("./toObject"); t.exports=r \}, \{"./baseIsMatch": 81, "./getMatchData": 1, a=e("./getMatchData": 1, a=e("./getMatchData"), o=e("./toObject"); t.exports=r \}, a=e("./getMatchData": 1, a=e("./getMatchData"), o=e("./toObject"); t.exports=r \}, a=e("./getMatchData"; t.getMatchData"; t.getMatchData"; t.getMatchData"; t.getMatchData"; t.getMatchData"; t.getMatchData"; t.getMatchData"; t.getMatchData"; t.getMatchData"; t.getMatchData; t.getMatchD$ 

 $13,"./toObject":135\}],85:[function(e,t,n){function r(e,t){var n=s(e),r=l(e)\&\&u(t),f=e+"";return}]} \\$ 

```
e=h(e), function(s) \{ if (null==s) return!1; var l=f; if (s=p(s), (n||!r) \& \&! (l in s)) \{ if (s=1==e.length?s: i(s, o(e, 0, -1)) \} \}
```

 $1)), null == s)return !1; l = c(e), s = p(s) return s[l] == =t?void 0! == t||l in s:a(t, s[l], void 0, !0) } var$ 

 $i=e("./baseGet"), a=e("./baseIsEqual"), o=e("./baseSlice"), s=e("../lang/isArray"), l=e("./isKey"), u=e("./isStrictComparable"), c=e("../array/last"), p=e("./toObject"), h=e("./toPath"); t.exports=r \ {\ ../array/last": 50, "../lang/isArray": 140, "./baseIsEqual"), h=e("./toObject"), h=e("./toPath"); t.exports=r \ {\ ../array/last": 50, "../lang/isArray": 140, "./baseIsEqual"), h=e("./toObject"), h=e("./toPath"); t.exports=r \ {\ ../array/last": 50, "../lang/isArray": 140, "./baseIsEqual"), h=e("./toObject"), h=e(".toObject"), h=e(".to$ 

```
aseGet":77,"./baseIsEqual":79,"./baseSlice":89,"./isKey":123,"./isStrictComparable":127,"./toObject":135,"./toPath"
:136}],86:[function(e,t,n){function r(e){return function(t){return null==t?void 0:i(t)[e]}}var
i=e("./toObject");t.exports=r},{"./toObject":135}],87:[function(e,t,n){function r(e){var t=e+"";return
e=a(e),function(n){return i(n,e,t)}}var
i=e("./baseGet"),a=e("./toPath");t.exports=r},{"./baseGet":77,"./toPath":136}],88:[function(e,t,n){var
r=e("../utility/identity"),i=e("./metaMap"),a=i?function(e,t){return
i.set(e,t),e}:r;t.exports=a},{"../utility/identity":154,"./metaMap":129}],89:[function(e,t,n){function r(e,t,n){var r=-
t >> 0, t >> = 0; for(var = Array(i); ++r<i;)a[r] = e[r+t]; return a t.exports=r], { }, 90: [function(e,t,n) function the second seco
r(e){return null==e?"":e+""}t.exports=r},{}],91:[function(e,t,n){function r(e,t){for(var n=-
1,r=t.length,i=Array(r);++n<r;)i[n]=e[t[n]];return i}t.exports=r],{}],92:[function(e,t,n){function r(e,t,n){var}}
r=0,o=e?e.length:r;if("number"==typeof t&&t===t&&o<=s){for(;r<o;){var}}
l=r+o>>>1, u=e[1]; (n?u<=t:u<t)\&\&null!==u?r=l+1:o=l}return o}return i(e,t,a,n)}var
i=e("./binaryIndexBy"), a=e("../utility/identity"), o=4294967295, s=o>>>1; t.exports=r \}, {"../utility/identity":154, "./binaryIndexBy", a=e("../utility/identity"), o=4294967295, s=o>>>1; t.exports=r \}, {"../utility/identity":154, "./binaryIndexBy", a=e("../utility/identity"), a=e("../utility"), a=e("../utili
aryIndexBy":93}],93:[function(e,t,n){function r(e,t,n,r){t=n(t);for(var
o=0,l=e?e.length:0,u=t!==t,c=null===t,p=void 0===t;o<l;){var h=i((o+l)/2),f=n(e[h]),d=void 0==t;o<l;}
0!==f,m=f===f;if(u)var g=m||r;else
g=c?m\&\&d\&\&(r||null!=f):p?m\&\&(r||d):null!=f\&\&(r?f<=t:f<t);g?o=h+1:l=h}return a(l,s)}var
i=Math.floor,a=Math.min,o=4294967295,s=o-1;t.exports=r},{}],94:[function(e,t,n){function
r(e,t,n){if("function"!=typeof e)return i;if(void 0===t)return e;switch(n){case 1:return function(n){return
e.call(t,n); case 3:return function(n,r,i){return e.call(t,n,r,i)}; case 4:return function(n,r,i,a){return
e.call(t,n,r,i,a)};case 5:return function(n,r,i,a,o){return e.call(t,n,r,i,a,o)}}return function(){return
e.apply(t,arguments)}}var
i=e("../utility/identity");t.exports=r},{"../utility/identity":154}],95:[function(e,t,n){(function(e){function n(e){var
t=new r(e.byteLength),n=new i(t);return n.set(new i(e)),t}var
r=e.ArrayBuffer, i=e.Uint8Array; t.exports=n).call(this, "undefined"!=typeof global?global:"undefined"!=typeof
self?self:"undefined"!=typeof window?window:{})},{}],96:[function(e,t,n){function r(e,t,n){for(var r=n.length,a=-
1,0=i(e.length-r,0),s=-1,l=t.length,u=Array(l+o);++s<l;)u[s]=t[s];for(;++a<r;)u[n[a]]=e[a];for(;o-1),s=-1,s=0;
;)u[s++]=e[a++];return u}var i=Math.max;t.exports=r},{}],97:[function(e,t,n){function r(e,t,n){for(var r=-
1,a=n.length,o=-1,s=i(e.length-a,0),l=-1,u=t.length,c=Array(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(s+u);++o<s;)c[o]=e[o];for(var)(
p=0;++l<u; c[p+1]=t[1]; for (;++r<a;)c[p+n[r]]=e[0++]; return c } var
i=Math.max;t.exports=r,{}],98:[function(e,t,n){function r(e,t){return function(n,r){var s=n?i(n):0;if(!a(s))return function(n,r)}}
e(n,r);for(var l=t?s:-1,u=o(n);(t?l-:++l<s)&&r(u[1],l,u)!==!1;);return n}}var
i=e("./getLength"),a=e("./isLength"),o=e("./toObject");t.exports=r}{{"./getLength":112,"./isLength":125,"./toObject"
:135],99:[function(e,t,n){function r(e){return function(t,n,r){for(var a=i(t),o=r(t),s=o.length,l=e?s:-1;e?l--
:++l < s; {var u=o[1]; if (n(a[u], u, a) ===!1) break } return t } var
i=e("./toObject");t.exports=r,{"./toObject":135}],100:[function(e,t,n){(function(n){function r(e,t){function r()}var)}}
i=this&&this!==n&&this instance of r?a:e;return i.apply(t,arguments)}var a=i(e);return r}var
i=e("./createCtorWrapper");t.exports=r}).call(this,"undefined"!=typeof global?global:"undefined"!=typeof
self?self:"undefined"!=typeof window?window:{})},{"./createCtorWrapper":101}],101:[function(e,t,n){function
r(e){return function(){var t=arguments;switch(t.length){case 0:return new e;case 1:return new e(t[0]);case 2:return
new e(t[0],t[1]); case 3: return new e(t[0],t[1],t[2]); case 4: return new e(t[0],t[1],t[2],t[3]); case 5: return new
e(t[0],t[1],t[2],t[3],t[4]);case 6:return new e(t[0],t[1],t[2],t[3],t[4],t[5]);case 7:return new
e(t[0],t[1],t[2],t[3],t[4],t[5],t[6]) var n=i(e.prototype),r=e.apply(n,t);return a(r)?r:n var
i=e("./baseCreate"),a=e("../lang/isObject");t.exports=r},{"../lang/isObject":144,"./baseCreate":70}],102:[function(e,t
,n){function r(e,t){return function(n,r,l){if(r=i(r,l,3),s(n)){var u=o(n,r,t);return u>-1?n[u]:void 0}return a(n,r,e)}var
i=e("./baseCallback"),a=e("./baseFind"),o=e("./baseFindIndex"),s=e("../lang/isArray");t.exports=r},{"../lang/isArray
":140,"./baseCallback":67,"./baseFind":72,"./baseFindIndex":73}],103:[function(e,t,n){function r(e,t){return
```

 $function(n,r,o){return"function"==typeof r&\&void 0===o\&\&a(n)?e(n,r):t(n,i(r,o,3))} var i=e("./bindCallback"),a=e("./lang/isArray");t.exports=r},{"../lang/isArray":140,"./bindCallback":94}],104:[function (e,t,n){(function(n){function r(e,t,_,x,A,S,j,E,O,k){function T(){for(var d=arguments.length,m=d,g=Array(d);m-;)g[m]=arguments[m];if(x&&(g=a(g,x,A)),S&&(g=o(g,S,j)),L||R){var b=T.placeholder,P=c(g,b);if(d=P.length,d<k){var q=E?i(E):void 0,B=w(k-d,0),z=L?P:void 0,N=L?void 0:P,$=L?g:void 0,F=L?void 0:g;t|=L?y:v,t&=~(L?v:y),M||(t&=~(h|f));var V=[e,t,_,$,z,F,N,q,O,B],H=r.apply(void 0,V);return l(e)&&p(H,V),H.placeholder=b,H}var Y=I? :this,J=D?Y[e]:e;return$ 

E&&(g=u(g,E)),C&&O<g.length&&(g.length=O),this&&this!==n&&this instanceof

T&&(J=U||s(e)),J.apply(Y,g)}var C=t&b,I=t&h,D=t&f,L=t&m,M=t&d,R=t&g,U=D?void 0:s(e);return T}var i=e("./arrayCopy"),a=e("./composeArgs"),o=e("./composeArgsRight"),s=e("./createCtorWrapper"),l=e("./isLaziable "),u=e("./reorder"),c=e("./replaceHolders"),p=e("./setData"),h=1,f=2,d=4,m=8,g=16,y=32,v=64,b=128,w=Math.max ;t.exports=r}).call(this,"undefined"!=typeof global?global:"undefined"!=typeof self?self:"undefined"!=typeof window?window:{})},{"./arrayCopy":62,"./composeArgs":96,"./composeArgsRight":97,"./createCtorWrapper":101, "./isLaziable":124,"./reorder":131,"./replaceHolders":132,"./setData":133}],105:[function(e,t,n){(function(n){functi on r(e,t,r,o){function s(){for(var t=-1,i=arguments.length,a=-1,c=o.length,p=Array(c+i);++a<c;)p[a]=o[a];for(;i--;)p[a++]=arguments[++t];var h=this&&this!==n&&this instanceof s?u:e;return h.apply(l?r:this,p)}var l=t&a,u=i(e);return s}var i=e("./createCtorWrapper"),a=1;t.exports=r}).call(this,"undefined"!=typeof

global?global:"undefined"!=typeof self?self:"undefined"!=typeof

window?window:{})},{"./createCtorWrapper":101}],106:[function(e,t,n){function r(e,t,n,r,y,v,b,w){var \_=t&h;if(!\_&&"function"!=typeof e)throw new TypeError(m);var x=r?r.length:0;if(x||(t&=~(f|d),r=y=void 0),x-=y?y.length:0,t&d){var A=r,S=y;r=y=void 0}var j=\_?void

 $\begin{aligned} 0:l(e), &E=[e,t,n,r,y,A,S,v,b,w]; &if(j\&\&(u(E,j),t=E[1],w=E[9]), &E[9]=null==w?_?0:e.length:g(w-x,0)||0,t==p)var \\ O=a(E[0],E[2]); &else O=t!=f\&\&t!=(p|f)||E[4].length?o.apply(void 0,E):s.apply(void 0,E); var k=j?i:c; return \\ &k(O,E) \} var \end{aligned}$ 

i=e("./baseSetData"),a=e("./createBindWrapper"),o=e("./createHybridWrapper"),s=e("./createPartialWrapper"),l=e(" ./getData"),u=e("./mergeData"),c=e("./setData"),p=1,h=2,f=32,d=64,m="Expected a

function",g=Math.max;t.exports=r},{"./baseSetData":88,"./createBindWrapper":100,"./createHybridWrapper":104,". /createPartialWrapper":105,"./getData":110,"./mergeData":128,"./setData":133}],107:[function(e,t,n){function

 $r(e,t,n,r,a,o,s) \{ var \ l=-1,u=e.length,c=t.length; if(u!=c\&\&(a\&\&c>u)) return!1; for(;++l<u;) \{ var \ l=-1,u=e.length,c=t.length; if(u!=c\&\&(a\otimes b)) return!1; for(;++l<u;) \} \}$ 

 $p=e[1],h=t[1],f=r?r(a?h:p,a?p:h,l):void 0;if(void 0!==f){if(f)continue;return!1}if(a){if(!i(t,function(e){return p==e||n(p,e,r,a,o,s)}))return!1}else if(p!==h\&\&!n(p,h,r,a,o,s))return!1}return!0}var$ 

i=e("./arraySome");t.exports=r},{"./arraySome":65}],108:[function(e,t,n){function r(e,t,n){switch(n){case i:case} a:return+e==+t;case o:return e.name==t.name&&e.message==t.message;case s:return e!=+e?t!=+t;case l:case u:return e==t+""}return!1}var i="[object Boolean]",a="[object Date]",o="[object Error]",s="[object Number]",l="[object RegExp]",u="[object String]";t.exports=r},{}],109:[function(e,t,n){function r(e,t,n,r,a,s,l){var}}]

 $\label{eq:u-i} u=i(e), c=u.length, p=i(t), h=p.length; \\ if(c!=h\&\&!a)return!1; for(var f=c;f--;){var d=u[f]; if(!(a?d in t:o.call(t,d)))return!1} for(var m=a;++f<c;){d=u[f]; var d=u[f]; var d=u[f]$ 

g=e[d], y=t[d], v=r?r(a?y:g,a?g:y,d):void 0; if(!(void ))

 $0 == v?n(g,y,r,a,s,l):v))return!1;m||(m="constructor"==d) if(!m) {var}$ 

b=e.constructor,w=t.constructor;if(b!=w&&"constructor"in e&&"constructor"in t&&!("function"==typeof b&&b instanceof b&&"function"==typeof w&&w instanceof w))return!1}return!0}var

i=e("../object/keys"),a=Object.prototype,o=a.hasOwnProperty;t.exports=r},{"../object/keys":149}],110:[function(e,t, n){var r=e("./metaMap"),i=e("../utility/noop"),a=r?function(e){return}

 $r.get(e) \\ \\ i; t.exports=a \\, \\ \\ "./utility/noop": 155, \\ "./metaMap": 129 \\ \\ ], 111: \\ [function(e,t,n) \\ \\ \\ function r(e) \\ \\ \\ for(var, b) \\ \\ for(va$ 

 $t=e.name+''',n=i[t],r=n?n.length:0;r--;){var a=n[r],o=a.func;if(null==o||o==e)return a.name}return t}var a=n[r],o=a.func;if(null==o||o==e)return a.name}return t$ 

i=e("./realNames");t.exports=r},{"./realNames":130}],112:[function(e,t,n){var

 $\label{eq:recurrent} r=e("./baseProperty"), i=r("length"); t.exports=i \}, \{"./baseProperty":86 \}], 113: [function(e,t,n) \{function r(e) \{for(var t=a(e),n=t.length;n--;)t[n][2]=i(t[n][1]); return t \} var term of the set of the set$ 

i=e("./isStrictComparable"),a=e("../object/pairs");t.exports=r},{"../object/pairs":151,"./isStrictComparable":127}],11 4:[function(e,t,n){function r(e,t){var n=null==e?void 0:e[t];return i(n)?n:void 0}var i=e("../lang/isNative");t.exports=r},{"../lang/isNative":143}],115:[function(e,t,n){function r(e,t,n){for(var r=e.length,i=t+(n?0:-1);n?i--:++i<r;){var a=e[i];if(a!==a)return i}return-1}t.exports=r},{}],116:[function(e,t,n){function r(e){var t=e.length,n=new e.constructor(t);return t&&"string"==typeof e[0]&&a.call(e,"index")&&(n.index=e.index,n.input=e.input),n}var  $i=Object.prototype,a=i.hasOwnProperty;t.exports=r], {},117:[function(e,t,n){(function(n){function r(e,t,n){var}})}$  $r=e.constructor;switch(t){case c:return i(e);case a:case o:return new r((+e));case p:case h:case d:case m:case$ g:case y:case v:case b:r instanceof r&&(r=x[t]);var \_=e.buffer;return new r(n?i(\_):\_,e.byteOffset,e.length);case s:case u:return new r(e);case l:var A=new r(e.source,w.exec(e));A.lastIndex=e.lastIndex }return A}var i=e("./bufferClone"),a="[object Boolean]",o="[object Date]",s="[object Number]",l="[object RegExp]",u="[object String]",c="[object ArrayBuffer]",p="[object Float32Array]",h="[object Float64Array]",f="[object Int8Array]",d="[object Int16Array]",m="[object Int32Array]",g="[object Uint8Array]",y="[object Uint8ClampedArray]",v="[object Uint16Array]",b="[object Uint32Array]",w=/\w\*\$/,\_=n.Uint8Array,x={};x[p]=n.Float32Array,x[h]=n.Float64Array,x[f]=n.Int8Array,x[d]=n.I nt16Array,x[m]=n.Int32Array,x[g]= ,x[y]=n.Uint8ClampedArray,x[v]=n.Uint16Array,x[b]=n.Uint32Array,t.export s=r}).call(this,"undefined"!=typeof global?global:"undefined"!=typeof self?self:"undefined"!=typeof window?window:{})},{"./bufferClone":95}],118:[function(e,t,n){function r(e){var t=e.constructor;return"function"==typeof t&&t instanceof t||(t=Object),new t}t.exports=r},{}],119:[function(e,t,n){function r(e){return null!=e&&a(i(e))}var i=e("./getLength"),a=e("./isLength");t.exports=r},{"./getLength":112,"./isLength":125}],120:[function(e,t,n){var r=function(){try{Object({toString:0}+"")}catch(e){return function(){return!1}}return function(e){return"function"!=typeof e.toString&&"string"==typeof(e+"")}}();t.exports=r},{}],121:[function(e,t,n){function r(e,t){return e="number"==typeof e||i.test(e)?+e:-1,t=null==t?a:t,e>-1&&e%1==0&&e<t}var  $i=/^d+\frac{1}{2}$ t;if("number"==r?i(n)&a(t,n.length):"string"==r&a(t,n.length);"string"==r&a(t,n.length);"string"==r&a(t,n.length);"string"==r&a(t,n.length);"string"==r&a(t,n.length);"string"==r&a(t,n.length);"string"==r&a(t,n.length);"string"==r&a(t,n.length);"string"==r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string"=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.length);"string=r&a(t,n.li=e("./isArrayLike"),a=e("./isIndex"),o=e("./lang/isObject");t.exports=r},{"../lang/isObject":144,"./isArrayLike":11 9,"./isIndex":121}],123:[function(e,t,n){function r(e,t){var n=typeof e;if("string"==n&&s.test(e)||"number"==n)return!0;if(i(e))return!1;var r=!o.test(e);return r||null!=t&&e in a(t)}var  $ng/isArray": 140, "./toObject": 135 \}], 124: [function(e,t,n) \{function r(e) \{var t=o(e), n=s[t]; if("function"!=typeof n ||!(tin the set of the set of$ i.prototype))return!1;if(e===n)return!0;var r=a(n);return!!r&&e===r[0]}var i=e("./LazyWrapper"),a=e("./getData"),o=e("./getFuncName"),s=e("../chain/lodash");t.exports=r},{"../chain/lodash": 51,"./LazyWrapper":60,"./getData":110,"./getFuncName":111}],125:[function(e,t,n){function r(e){return"number"==typeof e&&e>-1&&e%1==0&&e<=i}var i=9007199254740991;t.exports=r},{}],126:[function(e,t,n){function r(e){return!!e&&"object"==typeof}} e}t.exports=r},{}],127:[function(e,t,n){function r(e){return e==e&&!i(e)}var i=e("../lang/isObject");t.exports=r},{"../lang/isObject":144}],128:[function(e,t,n){function r(e,t){var n = [1], r = t[1], m = n|r, g = m < p, y = r = p&&n = = h&&e[7]. length < = t[8]||r = = (p|h)&&n = = c; if(!g&&!y) retur $n e;r\&l\&\&(e[2]=t[2],m|=n\&l?0:u);var v=t[3];if(v){var b=e[3];e[3]=b?a(b,v,t[4]):i(v),e[4]=b?s(e[3],f):i(t[4])}return$ v=t[5], v&&(b=e[5],e[5]=b?o(b,v,t[6]):i(v),e[6]=b?s(e[5],f):i(t[6])), v=t[7], v&&(e[7]=i(v)), r&p&&(e[8]=null==e[8]?) $t[8]:d(e[8],t[8])),null==e[9]\&\&(e[9]=t[9]),e[0]=t[0],e[1]=m,e\}var$ i=e("./arrayCopy"),a=e("./composeArgs"),o=e("./composeArgsRight"),s=e("./replaceHolders"),l=1,u=4,c=8,p=128,h =256,f="\_lodash\_placeholder\_\_",d=Math.min;t.exports=r},{"./arrayCopy":62,"./composeArgs":96,"./composeArgs Right":97,"./replaceHolders":132}],129:[function(e,t,n){(function(n){var r=e("./getNative"),i=r(n,"WeakMap"),a=i&&new i;t.exports=a}).call(this,"undefined"!=typeof

global?global:"undefined"!=typeof self?self:"undefined"!=typeof

window?window:{})},{"./getNative":114}],130:[function(e,t,n){var

 $r={};t.exports=r},{}],131:[function(e,t,n){function r(e,t){for(var n=e.length,r=o(t.length,n),s=i(e);r--;){var l=t[r];e[r]=a(l,n)?s[1]:void 0}return e}var$ 

 $i=e("./arrayCopy"), a=e("./isIndex"), o=Math.min; t.exports=r\}, {"./arrayCopy":62, "./isIndex":121}], 132: [function(e,t, n){function r(e,t){for(var n=-1,r=e.length,a=-1,o=[];++n<r;)e[n]===t\&\&(e[n]=i,o[++a]=n); return o}var$ 

 $i="\_lodash_placeholder\_";t.exports=r\},\{\}],133:[function(e,t,n){var}]$ 

 $r=e("./baseSetData"), i=e("../date/now"), a=150, o=16, s=function() \{var \ e=0, t=0; return \ function(n,s) \{var \ l=i(), u=o-(l-t); if(t=l, u>0) \{if(++e)=a) return \ n\} else \ e=0; return \ n = 0, t=0; return \ n = 0$ 

 $r(n,s)\} \\ (); t.exports = s \\ , \{"../date/now": 57, "./baseSetData": 88 \\ ], 134: [function(e,t,n) \\ function r(e) \\ for(var, a) \\ for(var,$ 

 $d{=}t[h];(c\&\&o(d,r)||p.call(e,d))\&\&f.push(d)\}return \ f\}var$ 

i=e("../lang/isArguments"),a=e("../lang/isArray"),o=e("./isIndex"),s=e("./isLength"),l=e("../lang/isString"),u=e("../ob ject/keysIn"),c=Object.prototype,p=c.hasOwnProperty;t.exports=r},{"../lang/isArguments":139,"../lang/isArray":14 0,"../lang/isString":146,"../object/keysIn":150,"./isIndex":121,"./isLength":125}],135:[function(e,t,n){function

 $r(e){if(o.unindexedChars\&\&a(e)){for(var t=-1,n=e.length,r=Object(e);++t<n;)r[t]=e.charAt(t);return r}return i(e)?e:Object(e)}var$ 

i=e("../lang/isObject"),a=e("../lang/isString"),o=e("../support");t.exports=r},{"../lang/isObject":144,"../lang/isString": 146,"../support":153}],136:[function(e,t,n){function r(e){if(a(e))return e;var t=[];return

i(e).replace(o,function(e,n,r,i){t.push(r?i.replace(s,"\$1"):n||e)}),t}var

 $i=e("./baseToString"), a=e("../lang/isArray"), o=/[^.[\]]+|\[(?:(-$ 

 $\label{eq:linear} ?\d+(?:\d+)?)(["'])((?:(?!\2)[^\n\])(.)*?)\2)]/g,s=/\((\)?/g;t.exports=r\}, \{"../lang/isArray":140,"./baseToString":90\} ],137:[function(e,t,n){function r(e){return e instanceof i?e.clone():new} }$ 

a(e.\_\_wrapped\_\_,e.\_\_chain\_\_,o(e.\_\_actions\_\_))}var

i=e("./LazyWrapper"),a=e("./LodashWrapper"),o=e("./arrayCopy");t.exports=r},{"./LazyWrapper":60,"./LodashWrapper":61,"./arrayCopy":62}],138:[function(e,t,n){function r(e,t,n){return"function"==typeof t?i(e,!0,a(t,n,3)):i(e,!0)}var

```
i=e("../internal/baseClone"),a=e("../internal/bindCallback");t.exports=r\}, {"../internal/baseClone":68,"../internal/bindCallback":94}],139:[function(e,t,n){function r(e){return a(e)&&i(e)&&s.call(e,"callee")&&!l.call(e,"callee")}var i=e("../internal/isArrayLike"),a=e("../internal/isObjectLike"),o=Object.prototype,s=o.hasOwnProperty,l=o.propertyI sEnumerable;t.exports=r}, {"../internal/isArrayLike":119,"../internal/isObjectLike":126}],140:[function(e,t,n){var r=e("../internal/getNative"),i=e("../internal/isLength"),a=e("../internal/isObjectLike"),o="[objectLike"],o="[object]) = 0.
```

 $\label{eq:array} array]", s=Object.prototype, l=s.toString, u=r(Array, "isArray"), c=u \| function(e) \{ return array \} \| function(e) \| functi$ 

 $a(e)\&\&i(e.length)\&\&l.call(e)==o\}; t.exports=c\}, \{"../internal/getNative":114, "../internal/isLength":125, "../internal/isObjectLike":126\}], 141: [function(e,t,n){function r(e){return}}], and the set of the s$ 

 $null == e \| (o(e) \& \& (a(e) \| u(e) \| | i(e) \| | l(e) \& \& s(e.splice)) ?! e.length: !c(e).length) \} var = e^{-1} (o(e) \& \& (a(e) \| u(e) \| | i(e) \|$ 

i=e("./isArguments"),a=e("./isArray"),o=e("../internal/isArrayLike"),s=e("./isFunction"),l=e("../internal/isObjectLike"),u=e("./isString"),c=e("../object/keys");t.exports=r},{"../internal/isArrayLike":119,"../internal/isObjectLike":126,". ./object/keys":149,"./isArguments":139,"./isArray":140,"./isFunction":142,"./isString":146}],142:[function(e,t,n){function r(e){return i(e)&&s.call(e)==a}var i=e("./isObject"),a="[object]

 $Function]", o=Object.prototype, s=o.toString; t.exports=r\}, \{"./isObject":144\}], 143: [function(e,t,n) \{function(e,t,n), function(e,t,n), fu$ 

 $r(e) \{return null!=e\&\&(i(e)?p.test(u.call(e)):o(e)\&\&(a(e)?p:s).test(e))\} var$ 

 $i = e("./isFunction"), a = e("../internal/isHostObject"), o = e("../internal/isObjectLike"), s = / \land [object"], o = e("../internal/isObjectLike"), s = / \land [object"], o = e("../internal/isObject"], o = e("../internal/isObjectLike"), s = / \land [object"], o = e("../internal/isObjectLike"], s = / \land [object"], s =$ 

 $.+?Constructor\]\$/,l=Object.prototype,u=Function.prototype.toString,c=l.hasOwnProperty,p=RegExp("^"+u.call(c).replace(/[\\^$.*+?()[\]{}]]/g,"\\$&").replace(/hasOwnProperty|(function).*?(?=\\\()) for$ 

 $.+?(?=\)/g,"$1.*?")+"$");t.exports=r},{"../internal/isHostObject":120,"../internal/isObjectLike":126,"./isFunction": 142}],144:[function(e,t,n){function r(e){var t=typeof}}$ 

 $e;return!!e\&\&("object"==t||"function"==t) \\ t.exports=r \\ , \\ \}], 145:[function(e,t,n) \\ function \\ r(e) \\ \{var \ var \ var \ var \ var \ var \\ var \ var \ var \ var \\ var \ var \ var \ var \ var \\ var \ var \ var \ var \ var \ var \\ var \ var$ 

 $t; if (!s(e) \| h.call(e)! = u \| o(e) \| a(e) \| !p.call(e, "constructor") \& \& (t = e.constructor, "function" = type of t \& \& !(t \ instance of the the type of the$ 

 $t))) return !1; var n; return l.ownLast?(i(e, function(e,t,r){return n=p.call(r,t),!1}), n!==!1):(i(e, function(e,t){n=t}), void 0===n ||p.call(e,n)) } var$ 

i=e("../internal/baseForIn"),a=e("./isArguments"),o=e("../internal/isHostObject"),s=e("../internal/isObjectLike"),l=e("../support"),u="[object

Object]",c=Object.prototype,p=c.hasOwnProperty,h=c.toString;t.exports=r},{"../internal/baseForIn":75,"../internal/i sHostObject":120,"../internal/isObjectLike":126,"../support":153,"./isArguments":139}],146:[function(e,t,n){functio n r(e){return"string"==typeof e||i(e)&&s.call(e)==a}var i=e("../internal/isObjectLike"),a="[object

 $\label{eq:string} String]", o=Object.prototype, s=o.toString; t.exports=r \end{tabular}, {"../internal/isObjectLike":126 \end{tabular}, 147: [function(e,t,n) \end{tabular}, n r(e) \end{tabular} r(e) \end{tabular} \end{tabula$ 

i=e("../internal/isLength"),a=e("../internal/isObjectLike"),o="[object Arguments]",s="[object Array]",l="[object Boolean]",u="[object Date]",c="[object Error]",p="[object Function]",h="[object Map]",f="[object

Number]",d="[object Object]",m="[object RegExp]",g="[object Set]",y="[object String]",v="[object

WeakMap]",b="[object ArrayBuffer]",w="[object Float32Array]",\_="[object Float64Array]",x="[object

Int8Array]",A="[object Int16Array]",S="[object Int32Array]",j="[object Uint8Array]",E="[object

Uint8ClampedArray]",O="[object Uint16Array]",k="[object

 $\label{eq:unit32Array} $$ T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_{s}=T_$ 

 $C=Object.prototype,I=C.toString;t.exports=r\}, \{"../internal/isLength":125,"../internal/isObjectLike":126\}], 148: [function(e,t,n){function r(e){return void 0===e}t.exports=r}, {}], 149: [function(e,t,n){var}], 149: [f$ 

r=e("../internal/getNative"),i=e("../internal/isArrayLike"),a=e("../lang/isObject"),o=e("../internal/shimKeys"),s=e("../ support"),l=r(Object,"keys"),u=l?function(e){var t=null==e?void 0:e.constructor;return"function"==typeof t&&t.prototype===e||("function"==typeof

e?s.enumPrototypes:i(e))?o(e):a(e)?l(e):[]}:o;t.exports=u},{"../internal/getNative":114,"../internal/isArrayLike":119, "../internal/shimKeys":134,"../lang/isObject":144,"../support":153}],150:[function(e,t,n){function

 $r(e) \{ if(null==e) return[]; c(e) \| (e=Object(e)); var t=e.length; t=t \& \& u(t) \& \& (o(e) \| a(e) \| p(e)) \& \& t \| 0; for(var t=e.length; t=t \& \& u(t) \& (o(e) \| a(e) \| p(e)) \& \& t \| 0; for(var t=e.length; t=t \& \& u(t) \& (o(e) \| a(e) \| p(e)) \& \& t \| 0; for(var t=e.length; t=t \& \& u(t) \& (o(e) \| a(e) \| p(e)) \& \& t \| 0; for(var t=e.length; t=t \& \& u(t) \& (o(e) \| a(e) \| p(e)) \& \& t \| 0; for(var t=e.length; t=t \& \& u(t) \& (o(e) \| a(e) \| p(e)) \& \& t \| 0; for(var t=e.length; t=t \& \& u(t) \& (o(e) \| a(e) \| p(e)) \& \& t \| 0; for(var t=e.length; t=t \& \& u(t) \& (o(e) \| a(e) \| p(e)) \& \& t \| 0; for(var t=e.length; t=t \& \& u(t) \& (o(e) \| a(e) \| p(e)) \& \& t \| 0; for(var t=e.length; t=t \& \& u(t) \& (o(e) \| a(e) \| p(e)) \& w \| 0; for(var t=e.length; t=t \& \& u(t) \& w \| 0; for(var t=e.length; t=t \& \& u(t) \& w \| 0; for(var t=e.length; t=t \& W \| 0; for(var t=e.length; t=$ 

 $instance of \ Error), v=h.enumPrototypes \&\&s(e); ++r < t;) d[r] = r + ""; for (var \ w \ in the second se$ 

 $e)v\&\&"prototype"==w||y\&\&("message"==w||"name"==w)||m\&\&l(w,t)||"constructor"==w\&\&(f||!E.call(e,w))||d.push(w);if(h.nonEnumShadows\&\&e!==S){var}$ 

 $T = e = = j?\_:e = = A?g:O.call(e), C = k[T] ||k[b]; for(T = = b\&\&(i = S), t = x.length; t - -;) \{w = x[t]; var(t) = x[t], t = x[t], t$ 

 $I=C[w];f\&\&I||(I?!E.call(e,w):e[w]===i[w])||d.push(w)\} \} return \ d \} var$ 

i=e("../internal/arrayEach"),a=e("../lang/isArguments"),o=e("../lang/isArray"),s=e("../lang/isFunction"),l=e("../intern al/isIndex"),u=e("../internal/isLength"),c=e("../lang/isObject"),p=e("../lang/isString"),h=e("../support"),f="[object Array]",d="[object Boolean]",m="[object Date]",g="[object Error]",y="[object Function]",v="[object Number]",b="[object Object]",w="[object RegExp]",\_="[object

 $\label{eq:string} String]",x=["constructor","hasOwnProperty","isPrototypeOf","propertyIsEnumerable","toLocaleString","toString"," valueOf"],A=Error.prototype,S=Object.prototype,j=String.prototype,E=S.hasOwnProperty,O=S.toString,k={};k[f]=k[m]=k[v]={constructor:!0,toString:!0,valueOf:!0},k[d]=k[_]={constructor:!0,toString:!0,valueOf:!0},k[g]=k[y]=k[w]={constructor:!0,toString:!0},k[b]={constructor:!0},i(x,function(e){for(var t in k)if(E.call(k,t))}var$ 

 $n=k[t];n[e]=E.call(n,e)\}),t.exports=r\}, {"../internal/arrayEach":63,"../internal/isIndex":121,"../internal/isLength":12 5,"../lang/isArguments":139,"../lang/isArray":140,"../lang/isFunction":142,"../lang/isObject":144,"../lang/isString":1 46,"../support":153}],151:[function(e,t,n){function r(e){e=a(e);for(var t=-1,n=i(e),r=n.length,o=Array(r);++t<r;){var s=n[t];o[t]=[s,e[s]]}return o}var$ 

 $i=e("./keys"),a=e("../internal/toObject");t.exports=r\}, \{"../internal/toObject":135, "./keys":149\}], 152: [function(e,t,n){function r(e){return i(e,a(e))}var}], 152: [function(e,t,n){function r(e)}], 152: [funct$ 

 $i=e("../internal/baseValues"), a=e("./keys"); t.exports=r \}, \{"../internal/baseValues":91, "./keys":149 \}], 153: [function(e,t,n) \{ var \} \}$ 

 $r=Array.prototype,i=Error.prototype,a=Object.prototype,o=a.propertyIsEnumerable,s=r.splice,l={};!function(e){var t=function(){this.x=e},n={0:e,length:e},r=[];t.prototype={valueOf:e,y:e};for(var a in new text)}; for(var a in new text) = {valueOf:e,y:e}; for(var a in new text) = {v$ 

 $t)r.push(a);l.enumErrorProps=0.call(i,"message")||0.call(i,"name"),l.enumPrototypes=0.call(t,"prototype"),l.nonEnumShadows=!/valueOf/.test(r),l.ownLast="x"!=r[0],l.spliceObjects=(s.call(n,0,1),!n[0]),l.unindexedChars="x"[0]+Object("x")[0]!="xx"}(1,0),t.exports=l\}, {}],154:[function(e,t,n){function r(e){return}}]$ 

 $e t.exports=r , \{ \} ], 155: [function(e,t,n) \{ function r() \{ \} t.exports=r \}, \{ \} ], 156: [function(e,t,n) \{ function r(e) \{ return o(e)?i(e):a(e) \} var \}$ 

i=e("../internal/baseProperty"),a=e("../internal/basePropertyDeep"),o=e("../internal/isKey");t.exports=r},{"../internal/baseProperty":86,"../internal/basePropertyDeep":87,"../internal/isKey":123}],157:[function(e,n,r){(function(e){!func tion(e){"use strict";if("function"==typeof bootstrap)bootstrap("promise",e);else if("object"==typeof

r&&"object"==typeof n)n.exports=e(); else if("function"==typeof t&&t.amd)t(e); else if("undefined"!=typeof the state of the state of

ses){if(!ses.ok())return;ses.makeQ=e}else{if("undefined"==typeof window&&"undefined"==typeof self)throw new Error("This environment was not anticipated by Q. Please file a bug.");var i="undefined"!=typeof

window:self,a=i.Q;i.Q=e(),i.Q.noConflict=function(){return i.Q=a,this}}}(function(){"use strict";function

 $t(e) \{return \ function() \{return \ Q.apply(e, arguments)\} \} function \ n(e) \{return \ e==Object(e)\} function \ n(e) \{return \ e==Object(e) \{return \ e==Object(e)\} function \ n(e) \{return \ e==Object(e) \{return \ e==Obj$ 

```
r(e) \{return"[object StopIteration]"===re(e) || e instance of H \} function i(e,t) \{if(\&\&t.stack\&\&"object"==type of e\&\&null!==e\&\&e.stack\&\&e.stack.indexOf(ie)===-1) \{for(var) | e instance of here is a stack indexOf(ie)===-1) \} for(var) | e instance of here is a stack indexOf(ie)===-1)
```

 $n=[],r=t;r;r=r.source)r.stack\&\&n.unshift(r.stack);n.unshift(e.stack);var i=n.join("\n"+ie+"\n");e.stack=a(i)\} function a(e) { for(var t=e.split("\n"),n=[],r=0;r<t.length;++r) { var i=t[r];l(i)||o(i)||!i||n.push(i) } return n.join("\n") } function a(e) { for(var t=e.split("\n"),n=[],r=0;r<t.length;++r) { var i=t[r];l(i)||o(i)||!i||n.push(i) } return n.join("\n") } function a(e) { for(var t=e.split("\n"),n=[],r=0;r<t.length;++r) { var i=t[r];l(i)||o(i)||!i||n.push(i) } return n.join("\n") } function a(e) { for(var t=e.split("\n"),n=[],r=0;r<t.length;++r) { var i=t[r];l(i)||o(i)||!i||n.push(i) } return n.join("\n") } function a(e) { for(var t=e.split("\n"),n=[],r=0;r<t.length;++r) { var i=t[r];l(i)||o(i)||!i||n.push(i) } return n.join("\n") } function a(e) { for(var t=e.split("\n"),n=[],r=0;r<t.length;++r) { var i=t[r];l(i)||o(i)||!i||n.push(i) } return n.join("\n") } function a(e) { for(var t=e.split("\n"),n=[],r=0;r<t.length;++r) { var i=t[r];l(i)||o(i)||!i||n.push(i) } return n.join("\n") } function a(e) { for(var t=e.split("\n"),n=[],r=0;r<t.length;++r) { var i=t[r];l(i)||o(i)||!i||n.push(i) } return n.join("\n") } function a(e) { for(var t=e.split("\n"),n=[],r=0;r<t.length;++r) { var i=t[r];l(i)||o(i)||!i||n.push(i) } return n.join("\n") } function a(e) { for(var t=e.split("\n"),n=[],r=0;r<t.length;++r) { var i=t[r];l(i)||o(i)||!i||n.push(i) } return n.join("\n") } function a(e) { for(var t=e.split("\n"),n=[],r=0;r<t.length;++r) { var i=t[r];l(i)||o(i)||!i||n.push(i) } return n.join("\n") } function a(e) { for(var t=e.split("\n"),n=[],r=0;r<t.length;++r) { var i=t[r];l(i)||o(i)||!i||n.push(i) } return n.join("\n") } function a(e) { for(var t=e.split("\n"),n=[],r=0;r<t.length;++r) { var i=t[r];l(i)||o(i)||!i||n.push(i) } return n.join("\n") } function a(e) { for(var t=e.split("\n"),n=[],r=0;r<t.length;++r) { for(var t=e.split("\n"),n=[],r=0;r<t.length;++r) { for(var t=e.split("\n"),n=[],r=0;r<t.length;++r) { for(var t=e.split("\n"),n=[],r=0;r<t.length;++r) { for(var t=e.split("\n"),n=[],r=0;r<t.length;++r)$ 

o(e){return e.indexOf("(module.js:")!==-1||e.indexOf("(node.js:")!==-1}function s(e){var t=/at .+

 $\label{eq:linear} $$ ((.+):(\d+):(?:\d+))$/.exec(e);if(t)return[t[1],Number(t[2])];var n=/at ([^{(-)}]) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ ((-)) $$ (($ 

 $]+):(\d+):(?:\d+)\d+)(n(return[n[1],Number(n[2])];var r=/.*@(.+):(\d+)\d+)(return[n[1],Number(n[2])];var r=/.*@(.+):(\d+)(return[n[1],Number(n[2])];var r=/.*@(.+):(\d+)(return[n[1],Number(n[2]);var r=/.*@(.+):(\d+)(return[n[1],Number(n[2]);var r=/.*$ 

 $r?[r[1],Number(r[2])]:void 0 \\ function l(e) \\ var t=s(e); if(!t)return!1; var n=t[0], r=t[1]; return \\ retur$ 

n == V & r = Y & r <= uefunction u(){if(\$)try{throw new Error}catch(e){var}

```
t=e.stack.split("\n"),n=t[0].indexOf("@")>0?t[1]:t[2],r=s(n);if(!r)return;return V=r[0],r[1]} function c(e,t,n) {return function(){return"undefined"!=typeof console&&"function"==typeof console.warn&&console.warn(t+" is deprecated, use "+n+" instead.",new Error("").stack),e.apply(e,arguments)} function p(e){return e instanceof m?e:b(e)?k(e):O(e)} function h(){function
```

 $e(e){t=e,a.source=e,K(n,function(t,n){p.nextTick(function(){e.promiseDispatch.apply(e,n)})}, void 0), n=void (interval and interval a$ 

0,r=void 0 var  $t,n=[],r=[],i=ee(h.prototype),a=ee(m.prototype);if(a.promiseDispatch=function(e,i,a){var is a constraint of the second of t$ 

 $o=G(arguments); n? (n.push(o), "when" === i\&\&a[1]\&\&r.push(a[1])): p.nextTick(function() \{t.promiseDispatch.apply(t, t.promiseDispatch.apply(t, t.promiseDi$ 

,o)})},a.valueOf=function(){if(n)return a;var e=y(t);return v(e)&&(t=e),e},a.inspect=function(){return

```
t?t.inspect():{state:"pending"}},p.longStackSupport&&$)try{throw new
```

 $Error \} catch(o) \{ a.stack= o.stack.substring( o.stack.indexOf("\n")+1) \} return$ 

```
i.promise=a, i.resolve=function(n) \{t || e(p(n))\}, i.fulfill=function(n) \{t || e(O(n))\}, i.reject=function(n) \{t || e(E(n))\}, i.notify = function(e) \{t || K(r, function(t, n) \{p.nextTick(function() \{n(e)\})\}, void 0)\}, i\} function f(e) \{if("function"!=typeof"), i] = function(e) \{t || K(r, function(t, n) \{p.nextTick(function() \{n(e)\})\}, void 0)\}, i] = function(e) \{t || K(r, function(t, n) \{p.nextTick(function() \{n(e)\})\}, void 0)\}, i] = function(e) \{t || K(r, function(t, n) \{p.nextTick(function() \{n(e)\})\}, void 0)\}, i] = function(e) \{t || K(r, function(t, n) \{p.nextTick(function() \{n(e)\})\}, void 0)\}, i] = function(e) \{t || K(r, function(t, n) \{p.nextTick(function() \{n(e)\})\}, void 0)\}, i] = function(e) \{t || K(r, function(t, n) \{p.nextTick(function() \{n(e)\})\}, void 0)\}, i] = function(e) \{t || K(r, function(t, n) \{p.nextTick(function() \{n(e)\})\}, void 0)\}, i] = function(e) \{t || K(r, function(t, n) \{p.nextTick(function() \{n(e)\})\}, void 0)\}, i] = function(e) \{t || K(r, function(t, n) \{p.nextTick(function(t, n) \{n(e)\})\}, void 0)\}, i] = function(e) \{t || K(r, function(t, n) \{p.nextTick(function(t, n) \{n(e)\})\}, void 0)\}, i] = function(e) \{t || K(r, function(t, n) \{p.nextTick(function(t, n) \{n(e)\})\}, void 0)\}, i] = function(e) \{t || K(r, function(t, n) \{p.nextTick(function(t, n) \{n(e)\})\}, void 0)\}, i] = function(e) \{t || K(r, function(t, n) \{n(e)\})\}, void 0) = function(e) \{t || K(r, function(t, n) \{n(e)\})\}, void 0) = function(e) \{t || K(r, function(t, n) \{n(e)\})\}, void 0) = function(e) \{t || K(r, function(t, n) \{n(e)\})\}, void 0) = function(e) \{t || K(r, function(t, n) \{n(e)\})\}, void 0) = function(e) \{t || K(r, function(t, n) \{n(e)\})\}, void 0) = function(e) \{t || K(r, function(t, n) \{n(e)\})\}, void 0) = function(e) \{t || K(r, function(t, n) \{n(e)\})\}, void 0) = function(e) \{t || K(r, function(t, n) \{n(e)\})\}, void 0) = function(e) \{t || K(r, function(t, n) \{n(e)\})\}, void 0) = function(e) \{t || K(r, function(t, n) \{n(e)\})\}, void 0) = function(e) \{t || K(r, function(t, n) \{n(e)\})\}, void 0) = function(e) \{t || K(r, function(t,
```

e)throw new TypeError("resolver must be a function.");var

 $t=h(); try \{e(t.resolve, t.reject, t.notify)\} catch(n) \{t.reject(n)\} return \ t.promise\} function \ d(e) \{return \ t.promise \ t.promis$ 

0===t&&(t=function(e){return E(new Error("Promise does not support operation: "+e))}),void

```
0 == n\&\&(n=function()\{return\{state:"unknown"\}\}); var r = ee(m.prototype); if(r.promiseDispatch=function(n,i,a)\{var = e(m.prototype); if(r.promiseDispatch=function(n,i,a), var = e(m.prototype); if(r.prototype); if(r
```

 $i=n();"rejected"===i.state\&\&(r.exception=i.reason), r.valueOf=function() \{variantine (variantine (va$ 

 $e=n(); return "pending" === e.state || "rejected" === e.state? r:e.value \} \\ return r \\ function g(e,t,n,r) \\ (return r) \\ (return r)$ 

```
p(e).then(t,n,r) \\ function \\ y(e) \\ \{if(v(e)) \\ var \\ t=e.inspect(); \\ if("fulfilled"===t.state) \\ return \\ t.value \\ \\ return \\ e \\ function \\ functio
```

```
v(e) \{ return \ e \ instance of \ m \} function \ b(e) \{ return \ n(e) \& \& "function" == type of \ e.then \} function \ w(e) \{ return \ n(e) \& \& "function" == type of \ e.then \} function \ w(e) \{ return \ n(e) \& \& "function" == type of \ e.then \} function \ w(e) \{ return \ n(e) \& \& "function" == type of \ e.then \} function \ w(e) \{ return \ n(e) \& \& "function" == type of \ e.then \} function \ w(e) \{ return \ n(e) \& \& "function" == type of \ e.then \} function \ w(e) \{ return \ n(e) \& \& "function" == type of \ e.then \} function \ w(e) \{ return \ n(e) \& \& \& "function" == type of \ e.then \} function \ w(e) \{ return \ n(e) \& \& \& "function" == type of \ e.then \} function \ w(e) \{ return \ n(e) \& \& \& "function" == type of \ e.then \} function \ w(e) \{ return \ n(e) \& \& \& \& "function" == type of \ e.then \} function \ w(e) \{ return \ n(e) \& \& \& \& m(e) \& \& \& m(e) \& w(e) \} function \ w(e) \{ return \ n(e) \& \& \& \& w(e) \& w(e)
```

```
S(t,n){le&&("object"==typeof e&&"function"==typeof e.emit&&p.nextTick.runAfter(function(){X(oe,t)!==-
1&&(e.emit("unhandledRejection",n,t),se.push(t))}),oe.push(t),n&&"undefined"!=typeof
n.stack?ae.push(n.stack):ae.push("(no stack) "+n))}function j(t){if(le){var n=X(oe,t);n!==-1&&("object"==typeof
e&&"function"==typeof e.emit&&p.nextTick.runAfter(function(){var r=X(se,t);r!==-
1\&\&(e.emit("rejectionHandled",ae[n],t),se.splice(r,1))\}),oe.splice(n,1),ae.splice(n,1))\}function E(e){var
t=m({when:function(t){return t&&j(this),t?t(e):this}},function(){return
this},function(){return{state:"rejected",reason:e}});return S(t,e),t}function O(e){return m({when:function(){return
e, get: function(t){return e[t]}, set: function(t,n){e[t]=n}, "delete": function(t){delete e[t]}, post: function(t,n){return}
null===t||void 0===t?e.apply(void 0,n):e[t].apply(e,n)},apply:function(t,n){return
e.apply(t,n), keys:function(){return ne(e)}}, void 0, function(){return{state:"fulfilled", value:e}})}function k(e){var
t=h(); return p.nextTick(function(){try{e.then(t.resolve,t.reject,t.notify)}catch(n){t.reject(n)}), t.promise} function
T(e){return m({isDef:function()}},function(t,n){return R(e,t,n)},function(){return p(e).inspect()}){function
C(e,t,n){return p(e).spread(t,n)}function I(e){return function(){function t(e,t){var o;if("undefined"==typeof
StopIteration){try{o=n[e](t)}catch(s){return E(s)}return
o.done?p(o.value):g(o.value,i,a)try{o=n[e](t)}catch(s){return r(s)?p(s.value):E(s)}return g(o,i,a)}var
n=e.apply(this,arguments),i=t.bind(t,"next"),a=t.bind(t,"throw");return i()}}function
D(e){p.done(p.async(e)())}function L(e){throw new H(e)}function M(e){return function(){return
C([this,U(arguments)],function(t,n){return e.apply(t,n)})function R(e,t,n){return p(e).dispatch(t,n)}function
U(e){return g(e,function(e){var t=0,n=h();return K(e,function(r,i,a){var
o;v(i) & "fulfilled"===(o=i.inspect()).state?e[a]=o.value:(++t,g(i,function(r){e[a]=r,0===--
t&&n.resolve(e)},n.reject,function(e){n.notify({index:a,value:e})}))},void
0,0==t\&&n.resolve(e),n.promise\} function P(e){if(0===e.length)return p.resolve();var t=p.defer(),n=0;return p.resolve();var t=p.defer();var t=p.defer();var t=p.defer();var
K(e, function(r, i, a) \{function o(e) \}function s() \{n-0==n \& t.reject(new Error("Can't get fulfillment fulfillment is not set of the set o
value from any promise, all promises were rejected.")) {function l(e){t.notify({index:a,value:e})}var
u=e[a];n++,g(u,o,s,l),void 0),t.promise}function q(e){return g(e,function(e){return
e=Z(e,p),g(U(Z(e,function(e){return g(e,J,J)})),function(){return e})))function B(e){return
p(e).allSettled()}function z(e,t){return p(e).then(void 0,void 0,t)}function N(e,t){return p(e).nodeify(t)}var
$=!1;try{throw new Error}catch(F){$=!!F.stack}var V,H,Y=u(),J=function(){},W=function(){function t(){for(var
e,t;r.next;)r=r.next,e=r.task,r.task=void 0,t=r.domain,t&&(r.domain=void
(0,t.enter()),n(e,t);for(;1.length;)e=1.pop(),n(e);a=!1 function n(e,n) {try {e()} catch(r) {if(s)throw first of the set of the
n&&n.exit(),setTimeout(t,0),n&&n.enter(),r;setTimeout(function(){throw r},0)}n&&n.exit()}var r={task:void
0,next:null},i=r,a=!1,o=void
e&&"[object process]"===e.toString()&&e.nextTick)s=!0,o=function(){e.nextTick(t)};else if("function"==typeof
setImmediate)o="undefined"!=typeof window?setImmediate.bind(window,t):function(){setImmediate(t)};else
if("undefined"!=typeof MessageChannel){var u=new
MessageChannel;u.port1.onmessage=function(){o=c,u.port1.onmessage=t,t()};var
c=function()\{u.port2.postMessage(0)\}; o=function()\{setTimeout(t,0),c()\}\}else o=function()\{setTimeout(t,0)\}; return
W.runAfter=function(e) \{1.push(e), a \| (a=!0, o())\}, W\}(), Q=Function.call, G=t(Array.prototype.slice), K=t(Array.prototype.slice), K=t(Arra
ype.reduce||function(e,t){var n=0,r=this.length;if(1===arguments.length)for(;;){if(n in
this){t=this[n++];break}if(++n>=r)throw new TypeError}for(;n<r;n++)n in this&&(t=e(t,this[n],n));return
t}),X=t(Array.prototype.indexOf||function(e){for(var t=0;t<this.length;t++)if(this[t]===e)return t;return-
1}),Z=t(Array.prototype.map||function(e,t){var n=this,r=[];return K(n,function(i,a,o){r.push(e.call(t,a,o,n))},void
0),r}),ee=Object.create||function(e){function t(){}return t.prototype=e,new
t},te=t(Object.prototype.hasOwnProperty),ne=Object.keys||function(e){var t=[];for(var n in
e)te(e,n)&&t.push(n);return t},re=t(Object.prototype.toString);H="undefined"!=typeof
ReturnValue?ReturnValue:function(e){this.value=e};var ie="From previous
event:";p.resolve=p,p.nextTick=W,p.longStackSupport=!1,"object"==typeof
```

e&&e&e.env&&e.env.Q\_DEBUG&&(p.longStackSupport=!0),p.defer=h,h.prototype.makeNodeResolver=functio n(){var e=this;return

 $function(t,n) \{t?e.reject(t): arguments.length>2?e.resolve(G(arguments,1)):e.resolve(n)\}\}, p.Promise=f, p.promise=f, f.resolve=f, f.resolve=p, p.passByCopy=function(e) \{return f(t), t(t), t($ 

e},m.prototype.passByCopy=function(){return this},p.join=function(e,t){return

p(e).join(t), m.prototype.join=function(e){return p([this,e]).spread(function(e,t){if(e===t)return e;throw new Error("Can't join: not the same: "+e+" "+t)}), p.race=d,m.prototype.race=function(){return

this.then(p.race)},p.makePromise=m,m.prototype.toString=function(){return"[object

 $Promise]", m.prototype.then=function(e,t,n){function r(t){try{return"function"==typeof e?e(t):t}catch(n){return E(n)}{function a(e){if("function"==typeof t){i(e,s);try{return t(e)}catch(n){return E(n)}}return E(e){function o(e){return"function"==typeof n?n(e):e}var s=this,l=h(),u=!1;return$ 

 $p.nextTick(function() \{s.promiseDispatch(function(e) \{u || (u=!0,l.resolve(r(e)))\}, "when", [function(e) \{u || (u=!0,l.resolve(r(e)))\}]) \}), s.promiseDispatch(void 0, "when", [void 0, function(e) \{var (u=1), u=1, var (u=$ 

 $t,n=!1;try{t=o(e)}catch(r){if(n=!0,!p.onerror)throw}$ 

 $\label{eq:rponerror} r;p.onerror(r) n \|l.notify(t)\}],l.promise \},p.tap=function(e,t) \{return \ p(e).tap(t)\},m.prototype.tap=function(e) \{return \ e=p(e),this.then(function(t) \{return \ e=p(e),this.then(function(t),this.then(function(t),this.then(function(t),this.then(function(t),this.then(function(t),this.then(function(t),this.then(function(t),this.then(function(t),this.then(function(t),this.then(function(t),this.then(function(t),this.then(function(t),this.then(function(t),this.then(function(t),this.then(function(t),this.then(function(t),this.then(function(t),this.then(function(t),this.then(function(t),this.then(function(t),this.the$ 

 $e.fcall(t).then Resolve(t)\}) \}, p.when = g, m. prototype.then Resolve = function(e) \{return \ this.then(function() \{return$ 

e})},p.thenResolve=function(e,t){return p(e).thenResolve(t)},m.prototype.thenReject=function(e){return this.then(function(){throw e})},p.thenReject=function(e,t){return

 $p(e).thenReject(t) \ p.nearer=y, p.isPromise=v, p.isPromiseAlike=b, p.isPending=w, m.prototype.isPending=function() \ \{return"pending"===this.inspect().state \ p.isFulfilled=_,m.prototype.isFulfilled=function() \ return"fulfilled"===this.inspect().state \ p.isRejected=x, m.prototype.isRejected=function() \ return"rejected"===this.inspect().state \ p.isRejected=x, m.prototype.isRejected=x, m.pr$ 

 $ae.slice()\}, p.stopUnhandledRejectionTracking=function() \{A(), le=!1\}, A(), p.reject=E, p.fulfill=O, p.master=T, p.spread=C, m.prototype.spread=function(e,t) {return this.all().then(function(t) {return e.apply(void the constraints)}) and the constraints of t$ 

(0,t),t)},p.async=I,p.spawn=D,p["return"]=L,p.promised=M,p.dispatch=R,m.prototype.dispatch=function(e,t){var n=this,r=h();return p.nextTick(function(){n.promiseDispatch(r.resolve,e,t)}),r.promise},p.get=function(e,t){return p(e).dispatch("get",[t])},m.prototype.get=function(e){return this.dispatch("get",[e])},p.set=function(e,t,n){return p(e).dispatch("set",[t,n])},m.prototype.set=function(e,t){return this.dispatch("get",[t,n])},m.prototype.set=function(e,t){return this.dispatch("get",[t,n])},m.prototype.set=function([t,n])},m.prototype.set=function([t,n]),m.prototype.set=function([t,n]),m.prototype.set=function([t,n]),m.prototype.set=function([t,n]),m.prototype.set=function([t,n]),m.prototype.set=function([t,n]),m.prototype.set=func

this.dispatch("set",[e,t])},p.del=p["delete"]=function(e,t){return

p(e).dispatch("delete",[t])},m.prototype.del=m.prototype["delete"]=function(e){return

this.dispatch("delete",[e])},p.mapply=p.post=function(e,t,n){return

p(e).dispatch("post",[t,n])},m.prototype.mapply=m.prototype.post=function(e,t){return

this.dispatch("post",[e,t])},p.send=p.mcall=p.invoke=function(e,t){return

p(e).dispatch("post",[t,G(arguments,2)])},m.prototype.send=m.prototype.mcall=m.prototype.invoke=function(e){ret urn this.dispatch("post",[e,G(arguments,1)])},p.fapply=function(e,t){return p(e).dispatch("apply",[void

0,t])},m.prototype.fapply=function(e){return this.dispatch("apply",[void 0,e])},p["try"]=p.fcall=function(e){return

o,j),,...prototype.tappiy-iunction(e)(return unstatspaten( appiy ,(void 0,e)),,pr uy j-p.rean-iunction(e)(return

p(e).dispatch("apply",[void 0,G(arguments,1)])},m.prototype.fcall=function(){return this.dispatch("apply",[void

 $0, G(arguments)]) \}, p.fbind=function(e) \{ var t=p(e), n=G(arguments, 1); return function() \{ return function(), return funct$ 

 $t.dispatch("apply", [this, n.concat(G(arguments))]) \} \}, m.prototype.fbind=function() \{ var e=this, t=G(arguments); return a standard structure in the standard structure in the standard structure in the standard structure in the structure in$ 

function(){return e.dispatch("apply",[this,t.concat(G(arguments))])}},p.keys=function(e){return

p(e).dispatch("keys",[])},m.prototype.keys=function(){return

this.dispatch("keys",[])},p.all=U,m.prototype.all=function(){return

U(this)},p.any=P,m.prototype.any=function(){return

q(this)},p.allSettled=B,m.prototype.allSettled=function(){return this.then(function(e){return

U(Z(e,function(e){function t(){return e.inspect()}return

```
0,t)},m.prototype.fail=m.prototype["catch"]=function(e){return this.then(void
```

0,e)},p.progress=z,m.prototype.progress=function(e){return this.then(void 0,void

0,e)},p.fin=p["finally"]=function(e,t){return

p(e)["finally"](t)},m.prototype.fin=m.prototype["finally"]=function(e){return e=p(e),this.then(function(t){return e.fcall().then(function(){throw t})},function(t){return e.fcall().then(function(){throw t})}

 $t\})\}), p.done=function(e,t,n,r) \{return \ p(e).done(t,n,r)\}, m. prototype.done=function(t,n,r) \{var \ p(e), done(t,n,r)\}, m. prototype.done=function(t,n,r) \{var \ p(e), done=function(t,n,r)\}, m. prototype.done=function(t,n,r) \{var \ p(e)$ 

 $a = function(e) \{ p.nextTick(function() \{ if(i(e,o), !p.onerror) throw \\$ 

 $e;p.onerror(e)\})\},o=t||n||r?this.then(t,n,r):this;"object"==typeof$ 

 $e\&\&e\&\&e.domain\&\&(a=e.domain.bind(a)), o.then(void 0,a)\}, p.timeout=function(e,t,n) \{return a (t, t, n) (t, t, n) (t, t, n) (t, t, n) (t, n)$ 

 $p(e).timeout(t,n)\}, m.prototype.timeout=function(e,t) \{var \ n=h(), r=setTimeout(function() \{t\&\&"string"!=typeof(n), r=setTimeout(function(), r=$ 

t||(t=new Error(t||"Timed out after "+e+" ms"),t.code="ETIMEDOUT"),n.reject(t)},e);return

 $this.then(function(e) \{ clearTimeout(r), n.resolve(e) \}, function(e) \{ clearTimeout(r), n.reject(e) \}, n.notify), n.promise \}, p.d. \\$ 

 $elay=function(e,t) \{return \ void \ 0===t\&\&(t=e,e=void \ 0), p(e).delay(t) \}, m.prototype.delay=function(e) \{return this.then(function(t) \{var \ n=h(); return void \ n=h(); re$ 

 $setTimeout(function() \{n.resolve(t)\}, e), n. promise\})\}, p. nfapply=function(e, t) \{return \ (n, t) \in [t], t \in [t], t$ 

 $p(e).nfapply(t)\}, m.prototype.nfapply=function(e) \{var \ t=h(), n=G(e); return \ n=G(e), return \ n=G(e),$ 

 $n.push(t.makeNodeResolver()), this.fapply(n).fail(t.reject), t.promise \}, p.nfcall=function(e) \{var_{int}(t, v_{int}), v_{int}(t, v_{in}), v_{in}(t, v_{in}), v_{in$ 

t=G(arguments,1);return p(e).nfapply(t)},m.prototype.nfcall=function(){var e=G(arguments),t=h();return

e.push(t.makeNodeResolver()),this.fapply(e).fail(t.reject),t.promise},p.nfbind=p.denodeify=function(e){var t=G(arguments,1);return function(){var n=t.concat(G(arguments)),r=h();return

 $n.push(r.makeNodeResolver()), p(e).fapply(n).fail(r.reject), r.promise\}, m.prototype.nfbind=m.prototype.denodeify=function(){var e=G(arguments); return e.unshift(this), p.denodeify.apply(void 0, e)}, p.nbind=function(e,t){var e=G(arguments); return e.unshift(this); p.denodeify.apply(void 0, e)}, p.denodeify.a$ 

 $n=G(arguments,2); return \ function() \{function \ r() \{return \ e.apply(t, arguments)\} var$ 

i=n.concat(G(arguments)),a=h();return

 $i.push(a.makeNodeResolver()),p(r).fapply(i).fail(a.reject),a.promise} \}, m.prototype.nbind=function() \{vare=G(arguments,0); return e.unshift(this), p.nbind.apply(void 0,e) \}, p.nmapply=p.npost=function(e,t,n) \{return e.unshift(this), p.nb$ 

 $p(e).npost(t,n)\}, m.prototype.nmapply=m.prototype.npost=function(e,t)\{var \ n=G(t||[]), r=h(); return \ n=G(t||[]), return \ n=G(t||[$ 

n.push(r.makeNodeResolver()),this.dispatch("post",[e,n]).fail(r.reject),r.promise},p.nsend=p.nmcall=p.ninvoke=fun ction(e,t){var n=G(arguments,2),r=h();return

n.push(r.makeNodeResolver()),p(e).dispatch("post",[t,n]).fail(r.reject),r.promise},m.prototype.nsend=m.prototype.n mcall=m.prototype.ninvoke=function(e){var t=G(arguments,1),n=h();return

t.push(n.makeNodeResolver()),this.dispatch("post",[e,t]).fail(n.reject),n.promise},p.nodeify=N,m.prototype.nodeify=function(e){return e?void

 $this.then(function(t){p.nextTick(function(){e(null,t)})}, function(t){p.nextTick(function(){e(t)})}): this}, p.noConflict = function(){throw new Error("Q.noConflict only works when Q is used as a global")}; var ue=u(); return = u(); retur$ 

```
p\})).call(this,e("\_process"))\},{\_process:12}],158:[function(e,t,n){function r()}{function i(e){if(!y(e))return e;var t=[];for(var n in e)a(t,n,e[n]);return t.join("&")}function
```

 $a(e,t,n)\{if(null!=n)if(Array.isArray(n))n.forEach(function(n)\{a(e,t,n)\}); else if(y(n))for(var r in a (a,t,n))\}$ 

 $n)a(e,t+"["+r+"]",n[r]); else \ e.push(encodeURIComponent(t)+"="+encodeURIComponent(n)); else \ e.push(encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURIComponent(t)+"="+encodeURICo$ 

 $t,n,r={},i=e.split("\&"),a=0,o=i.length;a<o;++a)t=i[a],n=t.indexOf("="),n==-bitering and the set of the set o$ 

s=0, l=a.length; s<l; ++s)n=a[s], t=n.indexOf(":"), r=n.slice(0,t).toLowerCase(), i=b(n.slice(t+1)), o[r]=i; returnsisting the set of the set

 $*/).reduce(function(e,t){var n=t.split(/ *= */),r=n.shift(),i=n.shift();return r\&\&i\&\&(e[r]=i),e\},{})}function$ 

p(e,t){t=t||{},this.req=e,this.xhr=this.req.xhr,this.text="HEAD"!=this.req.method&&(""===this.xhr.responseType||"t

 $ext"===this.xhr.responseType) \| "undefined"==typeof \ this.xhr.responseType? this.xhr.responseText:null, the set of the$ 

this.statusText=this.req.xhr.statusText,this. setStatusProperties(this.xhr.status),this.header=this.headers=s(this.xhr.g etAllResponseHeaders()),this.header["content-type"]=this.xhr.getResponseHeader("contenttype"),this.\_setHeaderProperties(this.header),this.body="HEAD"!=this.req.method?this.\_parseBody(this.text?this.te xt:this.xhr.response):null}function h(e,t){var  $n=this;this._query=this._query=this._query=this.url=t,this.header={},this._header={},this.on("end",function(){v = 0},this._query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_query=this,_q$ ar e=null,t=null;try{t=new p(n)}catch(r){return e=new Error("Parser is unable to parse the response"),e.parse=!0,e.original=r,e.rawResponse=n.xhr&&n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.responseText?n.xhr.response e=n.xhr&&n.xhr.status?n.xhr.status:null,n.callback(e)}n.emit("response",t);var i;try{(t.status<200||t.status>=300)&&(i=new Error(t.statusText||"Unsuccessful HTTP response", i.original=e, i.response=t, i.status=t.status) catch(r){i=r}i?n.callback(i,t):n.callback(null,t)}) function f(e,t){var n=v("DELETE",e);return t&&n.end(t),n}var d;"undefined"!=typeof window?d=window:"undefined"!=typeof self?d=self:(console.warn("Using browser-only version of superagent in non-browser environment"),d=this);var m=e("emitter"),g=e("./request-base"),y=e("./isobject"),v=t.exports=e("./request").bind(null,h);v.getXHR=function(){if(!(!d.XMLHttpRequest||d.location&&"file:" ==d.location.protocol&&d.ActiveXObject))return new XMLHttpRequest;try{return new ActiveXObject("Microsoft.XMLHTTP")}catch(e){ }try{return new ActiveXObject("Msxml2.XMLHTTP.6.0")}catch(e){}try{return new ActiveXObject("Msxml2.XMLHTTP.3.0")}catch(e){}try{return new ActiveXObject("Msxml2.XMLHTTP")}catch(e){ }throw Error("Browser-only verison of superagent could not find XHR")};var b="".trim?function(e){return e.trim()}:function(e){return  $e.replace(/(^s*|s*)/g,"'')$ ; v.serializeObject=i,v.parseString=o,v.types={html:"text/html", json:"application/json", x ml:"application/xml",urlencoded:"application/x-www-form-urlencoded",form:"application/x-www-formurlencoded", "form-data": "application/x-www-form-urlencoded" }, v.serialize={"application/x-www-formurlencoded":i,"application/json":JSON.stringify},v.parse={"application/x-www-formurlencoded":o,"application/json":JSON.parse},p.prototype.get=function(e){return this.header[e.toLowerCase()]},p.prototype. setHeaderProperties=function(e){var t=this.header["contenttype"]||"";this.type=u(t);var n=c(t);for(var r in n)this[r]=n[r]},p.prototype.\_parseBody=function(e){var t=v.parse[this.type];return!t&&l(this.type)&&(t=v.parse["application/json"]),t&&e&&(e.length||e instanceof Object)?t(e):null},p.prototype.setStatusProperties=function(e){1223===e&&(e=204);var t=e/100|0; this.status=this.statusCode=e, this.statusType=t, this.info=1==t, this.ok=2==t, this.clientError=4==t, this.statusCode=e, this.statusType=t, this.info=1==t, this.ok=2==t, this.clientError=4==t, this.statusCode=e, this.statusCod erError=5==t, this. error=(4==t||5==t)&&this. to Error(), this. accepted=202==e, this. noContent=204==e, this. badRequest=400==e,this.unauthorized=401==e,this.notAcceptable=406==e,this.notFound=404==e,this.forbidden=403==e},p. prototype.toError=function(){var e=this.req,t=e.method,n=e.url,r="cannot "+t+" "+n+" ("+this.status+")",i=new Error(r);return i.status=this.status,i.method=t,i.url=n,i},v.Response=p,m(h.prototype);for(var w in g)h.prototype[w]=g[w];h.prototype.type=function(e){return this.set("Content-Type",v.types[e]||e),this},h.prototype.responseType=function(e){return this.\_responseType=e,this},h.prototype.accept=function(e){return  $this.set("Accept",v.types[e]||e),this\},h.prototype.auth=function(e,t,n){switch(n||(n={type:"basic"}),n.type}{case"basic"})$ c":var r=btoa(e+":"+t);this.set("Authorization","Basic "+r);break;case"auto":this.username=e,this.password=t}return this},h.prototype.query=function(e){return"string"!=typeof e&&(e=i(e)),e&&this\_query.push(e),this},h.prototype.attach=function(e,t,n){return this.\_getFormData().append(e,t,n||t.name),this},h.prototype.\_getFormData=function(){return this.\_formData||(this.\_formData=new d.FormData),this.\_formData},h.prototype.callback=function(e,t){var n=this.\_callback;this.clearTimeout(),n(e,t)},h.prototype.crossDomainError=function(){var e=new Error("Request has been terminated\nPossible causes: the network is offline, Origin is not allowed by Access-Control-Allow-Origin, the page is being unloaded,

etc.");e.crossDomain=!0,e.status=this.status,e.method=this.method,e.url=this.url,this.callback(e)},h.prototype.\_time outError=function(){var e=this.\_timeout,t=new Error("timeout of "+e+"ms

 $exceeded"); t.timeout=e, this.callback(t) \}, h.prototype.\_appendQueryString=function() \{ var_{int} = 0 \} \}$ 

e=this.\_query.join("&");e&&(this.url+=~this.url.indexOf("?")?"&"+e:"?"+e)},h.prototype.end=function(e){var

 $t=this,n=this.xhr=v.getXHR(),i=this._timeout,a=this._formData||this._data;this._callback=e||r,n.onreadystatechange=function(){if(4==n.readyState){var e;try{e=n.status}catch(r){e=0}if(0==e){if(t.timedout)return}}$ 

t.\_timeoutError();if(t.\_aborted)return;return t.crossDomainError()}t.emit("end")}};var

o=function(e){e.total>0&&(e.percent=e.loaded/e.total\*100),e.direction="download",t.emit("progress",e)};this.hasLi steners("progress")&&(n.onprogress=o);try{n.upload&&this.hasListeners("progress")&&(n.upload.onprogress=o)} catch(s){}if(i&&!this.\_timer&&(this.\_timer=setTimeout(function(){t.timedout=!0,t.abort()},i)),this.\_appendQueryS tring(),this.username&&this.password?n.open(this.method,this.url,!0,this.username,this.password):n.open(this.meth od,this.url,!0),this.\_withCredentials&&(n.withCredentials=!0),"GET"!=this.method&&"HEAD"!=this.method&&"s tring"!=typeof a&&!this.\_isHost(a)){var u=this.\_header["content-

type"],c=this.\_serializer||v.serialize[u?u.split(";")[0]:""];!c&&l(u)&&(c=v.serialize["application/json"]),c&&(a=c(a))}for(var p in this.header)null!=this.header[p]&&n.setRequestHeader(p,this.header[p]);return

this.\_responseType&&(n.responseType=this.\_responseType),this.emit("request",this),n.send("undefined"!=typeof a?a:null),this},v.Request=h,v.get=function(e,t,n){var r=v("GET",e);return"function"==typeof

t&&(n=t,t=null),t&&r.query(t),n&&r.end(n),r},v.head=function(e,t,n){var

r=v("HEAD",e);return"function"==typeof

t&&(n=t,t=null),t&&r.send(t),n&&r.end(n),r},v.options=function(e,t,n){var

r=v("OPTIONS",e);return"function"==typeof

 $t\&\&(n=t,t=null),t\&\&r.send(t),n\&\&r.end(n),r\},v.del=f,v["delete"]=f,v.patch=function(e,t,n){var}$ 

r=v("PATCH",e);return"function"==typeof

```
t&&(n=t,t=null),t&&r.send(t),n&&r.end(n),r},v.post=function(e,t,n){var r=v("POST",e);return"function"==typeof
t&&(n=t,t=null),t&&r.send(t),n&&r.end(n),r},v.put=function(e,t,n){var r=v("PUT",e);return"function"==typeof
t&&(n=t,t=null),t&&r.send(t),n&&r.end(n),r},"/is-object":159,"./request":161,"./request-
base":160,emitter:162}],159:[function(e,t,n){function r(e){return null!==e&&"object"==typeof
e}t.exports=r},{}],160:[function(e,t,n){function r(e){return null!==e&&"object"==typeof
e}t.exports=r},{}],160:[function(e,t,n){var r=e("./is-object");n.clearTimeout=function(){return
this._timeout=0,clearTimeout(this._timer),this},n.parse=function(e){return
this._parser=e,this},n.serialize=function(e){return this._serializer=e,this},n.timeout=function(e){return
this._timeout=e,this},n.then=function(e,t){if(!this._fullfilledPromise){var n=this;this._fullfilledPromise=new
Promise(function(e,t){n.end(function(n,r){n?t(n):e(r)})})return
this._fullfilledPromise.then(e,t)},n.use=function(e){return e(this),this},n.get=function(e){return
this._header[e.toLowerCase()]=t,this.header[e]=t,this},n.unset=function(e){return delete
```

this. header[e.toLowerCase()],delete this.header[e],this},n.field=function(e,t){return

this.\_aborted?this:(this.\_aborted=!0,this.xhr&&this.xhr.abort(),this.req&&this.req.abort(),this.clearTimeout(),this.e mit("abort"),this)},n.withCredentials=function(){return

this.\_withCredentials=!0,this},n.redirects=function(e){return

this.\_maxRedirects=e,this},n.toJSON=function(){return{method:this.method,url:this.url,data:this.\_data,headers:this. \_header}},n.\_isHost=function(e){var t={}.toString.call(e);switch(t){case"[object File]":case"[object

Blob]":case"[object FormData]":return!0;default:return!1}},n.send=function(e){var t=r(e),n=this.\_header["content-

 $type"]; if (t\&\&r(this.\_data)) for (var \ i \ in \ e) this.\_data[i] = e[i]; else" string" = = type of else string strin$ 

 $e? (n \| this.type ("form"), n= this.\_header ["content-type"], "application/x-www-form-type"], application/x-www-form-type"], application/x-www-form-type], application/x-www-form-type],$ 

urlencoded"==n?this.\_data=this.\_data?this.\_data+"&"+e:e:this.\_data=(this.\_data||"")+e):this.\_data=e;return!t||this.\_i sHost(e)?this:(n||this.type("json"),this)}},{"./is-object":159}],161:[function(e,t,n){function

r(e,t,n){return"function"==typeof n?new e("GET",t).end(n):2==arguments.length?new e("GET",t):new

e(t,n)}t.exports=r},{}],162:[function(e,t,n){function r(e){if(e)return i(e)}function i(e){for(var t in

r.prototype)e[t]=r.prototype[t];return e}"undefined"!=typeof

t&&(t.exports=r),r.prototype.on=r.prototype.addEventListener=function(e,t){return

 $this._callbacks=this._callbacks["$"+e]=this._callbacks["$"+e]||[]).push(t),this},r.prototype.once=function(e,t){function n(){this.off(e,n),t.apply(this,arguments)}return}$ 

 $n.fn=t, this.on(e,n), this\}, r.prototype.off=r.prototype.removeListener=r.prototype.removeAllListeners=r.prototype.removeEventListener=function(e,t){if(this._callbacks=this._callbacks||{},0==arguments.length)return}$ 

 $this.\_callbacks=\{\), this; var n=this.\_callbacks["\$"+e]; if (!n) return this; if (1==arguments.length) return delete the set of th$ 

 $this.\_callbacks["\$"+e], this; for(var r, i=0; i< n.length; i++) if(r=n[i], r===t) \{n.splice(i,1); break\} return = 0$ 

this},r.prototype.emit=function(e){this.\_callbacks=this.\_callbacks||{};var

 $t=[].slice.call(arguments,1), n=this\_callbacks["$"+e]; if(n){n=n.slice(0); for(variants), n=this\_callbacks[""]}$ 

 $r=0, i=n.length; r<i; ++r)n[r].apply(this,t) \} return this \}, r.prototype.listeners=function(e) \{ return return$ 

 $\label{eq:callbacks=this_callbacks=this_callbacks["$"+e]||[]},r.prototype.hasListeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.listeners=function(e){return!this.list$ 

e.dom\_id),e.supportedSubmitMethods||(e.supportedSubmitMethods=["get","put","post","delete","head","options","p atch"]),"string"==typeof

e.oauth2RedirectUrl&&(window.oAuthRedirectUrl=e.oauth2RedirectUrl),\$("#"+this.dom\_id).length||\$("body").app end('<div id="'+this.dom\_id+'''></div>'),this.options=e,marked.setOptions({gfm:!0});var

t=this;this.options.success=function(){return t.render()},this.options.progress=function(e){return

 $t. show Message(e) \}, this. options. failure=function(e) \{return \ t. on Load Failure(e) \}, this. header View=new the state of the st$ 

SwaggerUi.Views.HeaderView({el:\$("#header")}),this.headerView.on("update-swagger-ui",function(e){return t.updateSwaggerUi(e)}),JSONEditor.defaults.iconlibs.swagger=JSONEditor.AbstractIconLib.extend({mapping:{col lapse:"collapse",expand:"expand"},icon\_prefix:"swagger-

"})},setOption:function(e,t){this.options[e]=t},getOption:function(e){return

 $\label{eq:control} this.options[e], updateSwaggerUi:function(e) \\ this.options.url=e.url, this.load() \\ , load:function() \\ this.mainView&&this.authView.remove(); var \\ \end{tabular}$ 

e=th is.options.url; e&&0!==e.indexOf("http")&&(e=th is.buildUrl(window.location.href.toString(),e)), th is.api&&(th is.options.authorizations=th is.api.clientAuthorizations.authz), th is.options.url=e, th is.headerView.update(e), th is.api=new

SwaggerClient(this.options)},collapseAll:function(){Docs.collapseEndpointListForResource("")},listAll:function(){ Docs.collapseOperationsForResource("")},expandAll:function(){Docs.expandOperationsForResource("")},render:fu nction(){var e;switch(this.showMessage("Finished Loading Resource Information. Rendering Swagger UI..."),this.mainView=new

 $\label{eq:swaggerUi.Views.MainView(\{model:this.api,el: $("#"+this.dom_id), swaggerOptions:this.options, router:this}). render (), _.isEmpty(this.api.securityDefinitions)||(e=_.map(this.api.securityDefinitions, function(e,t){var n={}; return n[t]=e,n}), this.authView=new \\$ 

 $\label{eq:swaggerUi.Views.AuthButtonView({data:SwaggerUi.utils.parseSecurityDefinitions(e),router:this}), $("#auth_container").append(this.authView.render().el)), this.showMessage(), this.options.docExpansion){case"full":this.expandAll(); break; case"list":this.listAll()} this.renderGFM(), this.options.onComplete& this.options.onComplete(this.api, this), setTimeout(Docs.shebang.bind(this), 100)}, buildUrl:function(e,t){if(0==t.indexOf("/")){var n=e.split("/"); return}} \\$ 

 $e=n[0]+"//"+n[2],e+t\} var r=e.length; return e.indexOf("?")>-1\&\&(r=Math.min(r,e.indexOf("?"))),e.indexOf("#")>-1\&\&(r=Math.min(r,e.indexOf("#"))),e=e.substring(0,r),e.indexOf("/",e.length-1)!==-$ 

 $\label{eq:constraint} 1?e+t:e+"/"+t\}, show Message: function(e) \{void \ 0===e\&\&(e=""); var \ t=\$("#message-bar"); t.removeClass("message-fail"), t.addClass("message-bar"); t.removeClass("message-fail"), t.addClass("message-bar"); t.removeClass("message-fail"), t.addClass("message-bar"); t.removeClass("message-fail"), t.addClass("message-fail"), t.addClass("messa$ 

 $success"), t.text(e), window. SwaggerTranslator\&\&window. SwaggerTranslator. translate(t) \}, on LoadFailure: function(e) \\ void 0===e\&\&(e=""), ("#message-bar"). removeClass("message-success"), ("#message-bar"). \\ void 0===e\&\&(e=""), ("#message-bar"). \\ void 0===e\&\&(e=""), ("#message-bar"). \\ void 0===e\&\&(e=""), ("#message-bar"). \\ void 0==e\&\&(e=""), (""), (""), (""), (""), (""), (""), (""), (""), (""), (""), (""), (""), (""), (""), (""), ("")$ 

bar").addClass("message-fail");var t=\$("#message-bar").text(e);return

this.options.onFailure&&this.options.onFailure(e),t},renderGFM:function(){\$(".markdown").each(function(){\$(this ).html()))}),\$(".propDesc",".model-signature

.description").each(function(){\$(this).html(marked(\$(this).html())).addClass("markdown")})}}),window.SwaggerUi .Views={},window.SwaggerUi.Models={},window.SwaggerUi.Collections={},window.SwaggerUi.partials={},win dow.SwaggerUi.utils={},function(){function e(e){"console"in window&&"function"==typeof window.console.warn&&console.warn(e)}window.authorizations={add:function(){if(e("Using window.authorizations is deprecated. Please use SwaggerUi.api.clientAuthorizations.add()."),"undefined"==typeof window.swaggerUi)throw new TypeError("window.swaggerUi is not defined");window.swaggerUi instanceof SwaggerUi&&window.swaggerUi.api.clientAuthorizations.add.apply(window.swaggerUi.api.clientAuthorizations,a rguments)}},window.ApiKeyAuthorization=function(){e("window.ApiKeyAuthorization is deprecated. Please use SwaggerClient.ApiKeyAuthorization."),SwaggerClient.ApiKeyAuthorization.apply(window,arguments)},window.P asswordAuthorization=function(){e("window.PasswordAuthorization is deprecated. Please use SwaggerClient.PasswordAuthorization."),SwaggerClient.PasswordAuthorization.apply(window,arguments)}}(),fun ction(e,t){"function"==typeof define&&define.amd?define(["b"],function(n){return

e.SwaggerUi=t(n)}):"object"==typeof

exports?module.exports=t(require("b")):e.SwaggerUi=t(e.b)}(this,function(){return

 $SwaggerUi \}), window. SwaggerUi. utils = \{ parse Security Definitions: function(e,t) \{ var \ in the security \ interval \ inter$ 

 $n=Object.assign({},t),r=[],i=[],a=[],o=window.SwaggerUi.utils;return Array.isArray(e)?(e.forEach(function(e){var t={},s={};for(var 1 in term)}) = 0.5$ 

 $e) if (Array.isArray(e[1])) \{ if (!n[1]) continue; if (n[1]=n[1]|| \{ \}, "oauth2"===n[1].type) \{ s[1]=Object.assign(\{ \}, n[1]), s[1].scopes) es=Object.assign(\{ \}, n[1].scopes); for (var u in s[1].scopes) es=Object.assign(\{ \}, n[1]), s[1].scopes) es=Object.assign(\{ \}, n[1]), s[1].scopes) es=Object.assign(\{ \}, n[1]), s[1].scopes) es=Object.assign(\{ \}, n[1]), s[1], s[1]), s[1].scopes) es=Object.assign(\{ \}, n[1]), s[1], s[1]), s[1], s[1], s[1]), s[1], s[1], s[1]), s[1], s[1], s[1], s[1]), s[1], s[1]), s[1], s[1]), s[1], s[1], s[1]), s[1]), s[1], s[1]), s[1]), s[1]), s[1]), s[1], s[1]),$ 

s[l].scopes[u];s[l].scopes=o.parseOauth2Scopes(s[l].scopes),a=\_.merge(a,s[l].scopes)}else

 $t[l]=Object.assign({},n[l]) else"oauth2"===e[l].type?(s[l]=Object.assign({},e[l]),s[l].scopes=o.parseOauth2Scopes(s[l].scopes),a=\_.merge(a,s[l].scopes)):t[l]=e[l];_.isEmpty(t)||i.push(t),\_.isEmpty(s)||r.push(s)}),{auths:i,oauth2:r,scopes:a}):null},parseOauth2Scopes:function(e){var t,n=Object.assign({},e),r=[];for(t in$ 

n)r.push({scope:t,description:n[t]});return r},sanitize:function(e){return

e=e.replace(/<script\b[^<]\*(?:(?!<\/script>)<[^<]\*)\*<\/script>/gi,""),e=e.replace(/(on\w+="[^"]\*")\*(on\w+='[^']\*')\*(on\w+=\w\*\(\w\*\))\*/gi,"")}},SwaggerUi.Models.ApiKeyAuthModel=Backbone.Model.extend({defaults:{"in":"",na me:"",title:"",value:""},initialize:function(){this.on("change",this.validate)},validate:function(){var e=!!this.get("value");return

 $this.set("valid",e),e\}\}), SwaggerUi.Views.ApiKeyAuthView=Backbone.View.extend(\{events: \{"change and a change a change$ 

.input\_apiKey\_entry":"apiKeyChange"},selectors:{apikeyInput:".input\_apiKey\_entry"},template:Handlebars.templates.apikey\_auth,initialize:function(e){this.options=e||{},this.router=this.options.router},render:function(){return this.\$el.html(this.template(this.model.toJSON())),this},apiKeyChange:function(e){var

 $t=\(e.target).val();t\&\&this.\(this.selectors.apikeyInput).removeClass("error"),this.model.set("value",t)\),isValid:function()\(return)$ 

this.model.validate()},highlightInvalid:function(){this.isValid()||this.\$(this.selectors.apikeyInput).addClass("error")}}),SwaggerUi.Views.AuthButtonView=Backbone.View.extend({events:{"click

 $.authorize\_btn":"authorizeBtnClick" \ to the state of t$ 

this.\$authEl=this.renderAuths(this.auths),this.\$el.html(this.tpls[e](this.model)),this},authorizeBtnClick:function(e){ var t;e.preventDefault(),t={title:"Available authorizations",content:this.\$authEl},this.render(),this.popup=new SwaggerUi.Views.PopupView({model:t}),this.popup.render()},renderAuths:function(e){var

t=\$("<div>"),n=!1;return e.forEach(function(e){var r=new

 $SwaggerUi.Views.AuthView(\{data:e,router:this.router\}), i=r.render().el; t.append(i), r.isLogout\&\&(n=!0)\}, this), this.$ 

 $model.isLogout=n,t\}), SwaggerUi. Collections. AuthsCollection=Backbone. Collection. extend({constructor:function()}) \\ var$ 

 $e=Array.prototype.slice.call(arguments); e[0]=this.parse(e[0]), Backbone.Collection.apply(this,e) \}, add:function(e) \{v ar t=Array.prototype.slice.call(arguments); Array.isArray(e)?t[0]=\_.map(e,function(e) \{return e, return e, return$ 

 $this.handleOne(e) \ \ tis.handleOne(e), Backbone.Collection.prototype.add.apply(this,t) \ \ handleOne:function(e) \ \ \ t=e; if (!(e \ instance of Backbone.Model)) \ switch(e.type) \ \ case"oauth2":t=new$ 

SwaggerUi.Models.Oauth2Model(e);break;case"basic":t=new

SwaggerUi.Models.BasicAuthModel(e); break; case"apiKey": t=new

 $SwaggerUi.Models.ApiKeyAuthModel(e); break; default:t=new Backbone.Model(e) \} return t \}, isValid:function() \{ var e=!0; return this.models.forEach(function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function() \{ return this.models.forEach(function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function(t) \{ t.validate() || (e=!1) \} ), e \}, isAuthorized:function(t) \} \}$ 

this.length===this.where({isLogout:!0}).length},isPartiallyAuthorized:function(){return

this.where({isLogout:!0}).length>0},parse:function(e){var t={};return"undefined"!=typeof

window.swaggerUi&&(t=Object.assign({},window.swaggerUi.api.clientAuthorizations.authz)),\_.map(e,function(e, n){var r=t[n]&&"basic"===e.type&&t[n].username&&t[n].password;return

\_.extend(e,{title:n}),(t[n]||r)&&\_.extend(e,{isLogout:!0,value:r?void 0:t[n].value,username:r?t[n].username:void 0,password:r?t[n].password:void

0,valid:!0}),e})}}),SwaggerUi.Views.AuthsCollectionView=Backbone.View.extend({initialize:function(e){this.options==}})}}),SwaggerUi.Views.AuthsCollectionView=Backbone.View.extend({initialize:function(e){this.options=}})}),SwaggerUi.Views.AuthsCollectionView=Backbone.View.extend({initialize:function(e){this.options=}}),SwaggerUi.Views.AuthsCollectionView=Backbone.View.extend({initialize:function(e){this.options=}}),SwaggerUi.Views.AuthsCollectionView=Backbone.View.extend({initialize:function(e){this.options=}}),SwaggerUi.Views.AuthsCollectionView=Backbone.View.extend({initialize:function(e){this.options=}}),SwaggerUi.Views.AuthsCollectionView=Backbone.View.extend({initialize:function(e){this.options=}}),SwaggerUi.Views.AuthsCollectionView=Backbone.View.extend({initialize:function(e){this.options=}}),SwaggerUi.Views.AuthsCollectionView=Backbone.View.extend({initialize:function(e){this.options=}}),SwaggerUi.Views.AuthsCollectionView=Backbone.View.extend({initialize:function(e){this.options=}}),SwaggerUi.Views.AuthsCollectionView=Backbone.View.extend({initialize:function(e){this.options=}}),SwaggerUi.Views.AuthsCollectionView=Backbone.View.extend({initialize:function(e){this.options=}}),SwaggerUi.Views.AuthsCollectionView=Backbone.View.extend({initialize:function(e){this.options=}}),SwaggerUi.Views.AuthsCollectionView=Backbone.Views.AuthsCollectionView=Backbone.Views.AuthsCollectionView=Backbone.Views.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionViews.AuthsCollectionV

 $SwaggerUi.Collections.AuthsCollection(e.data), this.\$innerEl=\$("<\!div>"), this.authViews=[]\}, render: function() \{return n, reductions, reductions,$ 

this.collection.each(function(e){this.renderOneAuth(e)},this),this.\$el.html(this.\$innerEl.html()?this.\$innerEl:""),this },renderOneAuth:function(e){var

t,n,r,i=e.get("type");"apiKey"===i?r="ApiKeyAuthView":"basic"===i&&0===this.\$innerEl.find(".basic\_auth\_cont ainer").length?r="BasicAuthView":"oauth2"===i&&(r="Oauth2View"),r&&(n=new

SwaggerUi.Views[r]({model:e,router:this.router}),t=n.render().el,this.authViews.push(n)),this.\$innerEl.append(t)},h ighlightInvalid:function(){this.authViews.forEach(function(e){e.highlightInvalid()},this)}),SwaggerUi.Views.AuthView=Backbone.View.extend({events:{"click .auth\_submit\_button":"authorizeClick","click

 $.auth\_logout\_button":"logoutClick"}, tpls:{main:Handlebars.templates.auth\_view}, selectors:{innerEl:".auth_inner", authBtn:".auth\_submit\_button"}, initialize:function(e){this.options=e||{}, e.data=e.data||{}, this.router=this.options.router, this.authSCollectionView=new}$ 

 $\label{eq:swaggerUi.Views.AuthsCollectionView({data:e.data}), this.$el.html(this.tpls.main({isLogout:this.authsCollectionView.collectionView.collection.isPartiallyAuthorized()})), this.$innerEl=this.$(this.selectors.innerEl), this.isLogout=this.authsCollectionView.collection.isPartiallyAuthorized()}, render:function(){return}$ 

 $\label{eq:constraint} this.\label{eq:constraint} this.\label{eq:constrain$ 

t,n,r=e.get("type");"apiKey"===r?(t=new

SwaggerClient.ApiKeyAuthorization(e.get("name"),e.get("value"),e.get("in")),this.router.api.clientAuthorizations.ad d(e.get("title"),t)):"basic"===r?(n=new

 $\label{eq:swaggerClient.PasswordAuthorization(e.get("username"),e.get("password")),this.router.api.clientAuthorizations.ad d(e.get("title"),n)):"oauth2"===r&&this.handleOauth2Login(e)},this),this.router.load()},logoutClick:function(e){e.preventDefault(),this.authsCollectionView.collection.forEach(function(e){window.swaggerUi.api.clientAuthorizations.sremove(e.get("title"))}),this.router.load()},handleOauth2Login:function(e){function t(e){returns}},this),this.router.load()},this),this.router.load()},this.router.load()},this),this.router.load()},this),this.router.load()},this),this.router.load()},this),this.router.load()},this),this.router.load()},this),this.router.load()},this),this.router.load()},this),this.router.load()},this),this.router.load()},this),this.router.load()},this),this.router.load()},this),this.router.load()},this),this.router.load()},this),this.router.load()},this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this),this$ 

 $e.vendorExtensions["x-tokenName"] || e.tokenName \} var$ 

 $n,r,i,a=window.location,o=location.pathname.substring(0,location.pathname.lastIndexOf("/")),s=a.protocol+"//"+a.host+o+"/o2c.html",l=window.oAuthRedirectUrl||s,u=null,c=_.map(e.get("scopes"),function(e){if(e.checked)return e.scope}),p=window.swaggerUiAuth||(window.swaggerUiAuth={});p.OAuthSchemeKey=e.get("title"),window.ena$ 

bledScopes=c;var

 $h=e.get("flow"); if("oauth2"!==e.get("type")||!h||"implicit"!==h\&\&"accessCode"!==h){if("oauth2"===e.get("type") \&\&h\&\&"application"===h)return r=e.attributes, p.tokenName=t(r)||"access_token", void$ 

 $this.clientCredentialsFlow(c,r,p.OAuthSchemeKey); if ("oauth2"===e.get("type")\&\&h\&\&"password"===h) return r=e.attributes, p.tokenName=t(r)||"access_token", void$ 

 $this.passwordFlow(c,r,p.OAuthSchemeKey); if (e.get("grantTypes")) \{var f=e.get("grantTypes"); for(var d in f)f.hasOwnProperty(d) & "implicit"===d?(r=f[d],i=r.loginEndpoint.url,u=r.loginEndpoint.url+"?response_type=tok en",p.tokenName=t(r)): f.hasOwnProperty(d) & "accessCode"===d & (r=f[d],i=r.tokenRequestEndpoint.url,u=r.tok enRequestEndpoint.url+"?response_type=code",p.tokenName=t(r))} else$ 

r=e.attributes,u=r.authorizationUrl+"?response\_type="+("implicit"===h?"token":"code"),p.tokenName=t(r)||"access \_token",p.tokenUrl="accessCode"===h?r.tokenUrl:null,n=p.OAuthSchemeKey;redirect\_uri=l,u+="&redirect\_uri=" +encodeURIComponent(l),u+="&realm="+encodeURIComponent(realm),u+="&client\_id="+encodeURICompone nt(clientId),u+="&scope="+encodeURIComponent(c.join(scopeSeparator)),u+="&state="+encodeURIComponent(n);for(var m in

 $additionalQueryStringParams)u+="\&"+m+"="+encodeURIComponent(additionalQueryStringParams[m]); window.open(u) \, clientCredentialsFlow:function(e,t,n) \this.accessTokenRequest(e,t,n,"client_credentials") \, passwordFlow:function(e,t,n) \this.accessTokenRequest(e,t,n,"password", \username:t.username, password:t.password \), accessTokenRequest.function(e,t,n,r,i) \i=\.extend({}, \scope:e.join(""), \grant_type:r \, i); \var$ 

 $a = \{ \}; switch (t.client Authentication Type) \{ case "basic": a.Authorization = "Authorization": a.Authorization = "Basic": a.Authorization = "Basic"; a.Authorization = "Basic": a.Authorization = "Basic"; a.$ 

"+btoa(t.clientId+":"+t.clientSecret);break;case"request-

 $body": i.client_id=t.clientId, i.client_secret=t.clientSecret \\ s.ajax({url:t.tokenUrl,type:"POST",data:i,headers:a,succes s:function(e) onOAuthComplete(e,n),error:function() onOAuthComplete("")}) \\ body \\ s.ajax({url:t.tokenUrl,type:"POST",data:i,headers:a,succes s:function(e) onOAuthComplete("")}) \\ body \\ s.ajax({url:t.tokenUrl,type:"POST",data:i,headers:a,succes s:function(e) onOAuthComplete("")}) \\ body \\ s.ajax({url:t.tokenUrl,type:"POST",data:i,headers:a,succes s:function(e) onOAuthComplete("")}) \\ body \\ body \\ s.ajax({url:t.tokenUrl,type:"POST",data:i,headers:a,succes s:function(e) onOAuthComplete("")}) \\ body \\ body \\ s.ajax({url:t.tokenUrl,type:"POST",data:i,headers:a,succes s:function(e) onOAuthComplete("")}) \\ s.ajax({url:t.tokenUrl,type:"POST",data:i,headers:a,succes s:function(e) onOAuthComplete("")}) \\ s.ajax({url:t.tokenUrl,type:"POST",data:i,headers:a,succes s:function(e) onOAuthComplete("")}) \\ s.ajax({url:t.tokenUrl,type:"POST",data:i,headers:a,succes s:function(e) onOAuthComplete("")}) \\ s.ajax({url:t.tokenUrl,type:"POST",data:i,headers:a,succes s:function("")}) \\ s.ajax$ 

.auth\_input":"inputChange"},selectors:{usernameInput:".basic\_auth\_\_username",passwordInput:".basic\_auth\_\_pass word"},cls:{error:"error"},template:Handlebars.templates.basic\_auth,render:function(){return

 $\times \times \times$ 

 $t=\(e.target), n=t.val(), r=t.prop("name"); n\&\&t.removeClass(this.cls.error), this.model.set(r,n)\), isValid:function() \(return) \(return), r=t.val(), r=t.prop("name"); n\&\&t.removeClass(this.cls.error), this.model.set(r,n)\), isValid:function() \(return), r=t.val(), r=t.prop("name"); n\&\&t.removeClass(this.cls.error), this.model.set(r,n)\), isValid:function() \(return), r=t.prop("name"); n\&\&t.removeClass(this.cls.error), r=t.prop("name"); n\&\&t.removeClass(this.cls.error), r=t.prop("name"); n\&\&t.removeClass(this.cls.error), r=t.prop("name"); n\&\&t.removeClass(this.cls.error), r=t.prop("name"); n\&\&t.removeClass(this.cls.error), r=t.prop("name"); n\&\&t.removeClass(this.error), r=t.prop("name"); name"); name")$ 

 $\label{eq:content} this.model.validate() \his.highlightInvalid:function() \this.model.get("username") \|this.$(this.selectors.usernameInput).a ddClass(this.cls.error) \his.selectors.usernameInput).a ddClass(this.cls.error) \his.selectors.usernameInput).a ddClass(this.cls.error) \his.selectors.usernameInput).a ddClass(this.cls.error) \his.selectors.usernameInput).a ddClass(this.cls.error) \his.selectors.usernameInput).a \his.selectors.usernam$ 

this.model.contentTypeId="ct"+Math.random(),\$(this.el).html(Handlebars.templates.content\_type(this.model)),this}}),\$waggerUi.Views.HeaderView=Backbone.View.extend({events:{"click #show-pet-store-

icon":"showPetStore","click #explore":"showCustom","submit #api\_selector":"showCustom","keyup #input\_baseUrl":"showCustomOnKeyup","keyup

#input\_apiKey":"showCustomOnKeyup"},initialize:function(){},showPetStore:function(){this.trigger("updateswagger-

 $\label{eq:constraint} ui", \{url:"http://petstore.swagger.io/v2/swagger.json"\})\}, showCustomOnKeyup:function(e) \{13===e.keyCode\&\&thiss.showCustom()\}, showCustom:function(e) \{e\&\&e.preventDefault(), this.trigger("update-swagger-index index i$ 

 $ui", \{url: ("\#input\_baseUrl").val()\})\}, update: function(e,t,n) \{void (update), update)\}, update) = \{u, v, v, v\}$ 

 $0 == = n \& \& (n = !1), \\ "#input_baseUrl").val(e), n \& \& this.trigger("update-swagger-input content of the swagger-input content o$ 

 $e.name.localeCompare(t.name)\}\}, operationsSorters: \{alpha:function(e,t) \{return a localeCompare(t.name)\}\}, operationsSorters: \{alpha:function(e,t) \}$ 

e.path.localeCompare(t.path)},method:function(e,t){return

 $e.method.localeCompare(t.method) \} \}, initialize:function(e) \{ var$ 

 $t,n,r,i;if(e=e||\{\},this.router=e.router,e.swaggerOptions.apisSorter\&\&(t=e.swaggerOptions.apisSorter,n=\_.isFunction(t)?t:this.apisSorter[t],\_.isFunction(n)\&\&this.model.apisArray.sort(n)),e.swaggerOptions.operationsSorter\&\&(t=e.swaggerOptions.operationsSorter,n=\_.isFunction(t)?t:this.operationsSorters[t],\_.isFunction(n)))for(r in this.model.apisArray)this.model.apisArray[r].operationsArray.sort(n);this.model.auths=[];for(r in the second se$ 

this.model.securityDefinitions)i=this.model.securityDefinitions[r],this.model.auths.push({name:r,type:i.type,value:i});"validatorUrl"in

e.swaggerOptions?this.model.validatorUrl=e.swaggerOptions.validatorUrl:this.model.url.indexOf("localhost")>0||th is.model.url.indexOf("127.0.0.1")>0?this.model.validatorUrl=null:this.model.validatorUrl="//online.swagger.io/validator";var a;for(a in

 $this.model.definitions] this.model.definitions[a].type || (this.model.definitions[a].type = "object") \}, render: function() \{ (this.el).html(Handlebars.templates.main(this.model)), this.info=this.$(".info")[0], this.info&&this.info.addEventListener("click", this.onLinkClick, !0), this.model.securityDefinitions=this.model.securityDefinitions|| \}; for(var) \label{eq:constraint} for the securityDefinitions and the secur$ 

 $e = \{ \}, t=0, n=0; n< this.model.apisArray.length; n++) \{ for(var r=this.model.apisArray[n], i=r.name; "undefined"!=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=typeofective=type$ 

 $(".propWrap").hover(function() { (".optionsWrapper", $(this)).show() }, function() { (".optionsWrapper", $(this)).hid e() }, this }, addResource:function(e,t) { e.id=e.id.replace(/[^a-zA-Z\d]/g, function(e) { return } { (add return } {$ 

e.charCodeAt(0)}),e.definitions=this.model.definitions;var n=new

SwaggerUi.Views.ResourceView({model:e,router:this.router,tagName:"li",id:"resource\_"+e.id,className:"resource
",auths:t,swaggerOptions:this.options.swaggerOptions});\$("#resources",this.el).append(n.render().el)},clear:function
(){\$(this.el).html("")},onLinkClick:function(e){var

t=e.target;"A"===t.tagName&&t.href&&!t.target&&(e.preventDefault(),window.open(t.href,"\_blank"))}}),Swagger Ui.Models.Oauth2Model=Backbone.Model.extend({defaults:{scopes:{},isPasswordFlow:!1,clientAuthenticationTy pe:"none"},initialize:function(){if(this.attributes&&this.attributes.scopes){var

e,t=\_.cloneDeep(this.attributes),n=[];for(e in t.scopes){var r=t.scopes[e];"string"==typeof

 $r.description\&\&(n[r]=t.scopes[e],n.push(t.scopes[e]))\}t.scopes=n,this.attributes=t\}if(this.attributes\&\&this.attributes.flow){var}$ 

 $i=this.attributes.flow;this.set("isPasswordFlow","password"===i),this.set("requireClientAuthentication","application"===i),this.set("clientAuthentication","password"===i||"application"===i)}this.on("change",this.validate)},setScopes:function(e,t){var n=_.extend({},this.attributes),r=_.findIndex(n.scopes,function(t){return})}$ 

 $t.scope===e\}); n.scopes[r].checked=t, this.set(n), this.validate()\}, validate:function() \{var(n), validate(n), validate($ 

e=!1;if(this.get("isPasswordFlow")&&!this.get("username"))return!1;if(this.get("clientAuthenticationType")in["basi c","request-body"]&&!this.get("clientId"))return!1;var t=this.get("scopes"),n=\_.findIndex(t,function(e){return e.checked===!0});return

 $t.length>0\&\&n>=0\&\&(e=!0), 0===t.length\&\&(e=!0), this.set("valid",e),e\}), SwaggerUi.Views.Oauth2View=Backbooks.org"; "change .oauth-scope"; "scopeChange", "change .oauth-scope]; "scopeChange"; "scopeChange"; "scopeChange"; "scopeChange"; "scopeChange"; "scopeChange"; "scopeChange]; "scopeChange];$ 

username":"setUsername","change .oauth-password":"setPassword","change .oauth-client-authentication-type":"setClientAuthenticationType","change .oauth-client-id":"setClientId","change .oauth-client-

secret":"setClientSecret"},template:Handlebars.templates.oauth2,cls:{error:"error"},render:function(){return this.\$el.html(this.template(this.model.toJSON())),this},scopeChange:function(e){var

t=\$(e.target).val();this.model.set("username",t),t&&\$(e.target).removeClass(this.cls.error)},setPassword:function(e) {this.model.set("password",\$(e.target).val())},setClientAuthenticationType:function(e){var

 $t = \\(e.target).val(), n = this.\\el; switch(this.model.set("clientAuthenticationType", t), t)\\ \\(case"none": n.find(".oauthenticationType", t), t)\\ \\(case"none": n.find(".oauthenticationTyp$ 

client-authentication").hide(); break; case" basic": case" request-body": n.find(".oauth-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-client-cl

 $id").removeClass(this.cls.error), n.find(".oauth-client-authentication").show()\}\}, setClientId:function(e){var} and an anti-client-authentication").show()}$ 

 $t=\(e.target).val(); this.model.set("clientId",t), t\&\&(e.target).removeClass(this.cls.error)\}, setClientSecret: function(e) \this.model.set("clientSecret", (e.target).val()), (e.target).removeClass("error")\}, highlightInvalid: function() \this.model.get("username")|| this.$el.find(".oauth-$ 

username").addClass(this.cls.error),this.model.get("clientId")||this.\$el.find(".oauth-client-

id").addClass(this.cls.error)}}),SwaggerUi.Views.OperationView=Backbone.View.extend({invocationUrl:null,even ts:{"submit .sandbox":"submitOperation","click .submit":"submitOperation","click

.response\_hider":"hideResponse","click .toggleOperation":"toggleOperationContent","mouseenter .api-

ic":"mouseEnter","dblclick .curl":"selectText","change

 $e=e||\{\}, this.router=e.router, this.auths=e.auths, this.parentId=this.model.parentId, this.nickname=this.model.nickname, this.model.encodedParentId=encodeURIComponent(this.parentId), e.swaggerOptions&&(this.model.defaultRendering=e.swaggerOptions.defaultModelRendering, e.swaggerOptions.showRequestHeaders&&(this.model.showRequestHeaders=!0), e.swaggerOptions.showOperationIds&&(this.model.showOperationIds=!0)), this}, selectText:function(e) | var$ 

 $t,n,r=document,i=e.target.firstChild;r.body.createTextRange?(t=document.body.createTextRange(),t.moveToElementText(i),t.select()):window.getSelection&&(n=window.getSelection(),t=document.createRange(),t.selectNodeContents(i),n.removeAllRanges(),n.addRange(t))},mouseEnter:function(e){var}$ 

t=\$(this.el).find(".content"), n=e.pageX, r=e.pageY, i=\$(window).scrollLeft(), a=\$(window).scrollTop(), o=i+\$(window).width(), s=a+\$(window).height(), l=t.width(), u=t.height(); n+l>o&&(n=o-l), n<i&&(n=i), r+u>s&&(r=s-i), n<i&(n=i), r+u>s&(n=i), r+u=s&(n=i), r+u=s&(n=i), r+u=s&(n=i), r+u=s&(n=i), r+u(

e,t,n,r,i,a,o,s,l,u,c,p,h,f,d,m,g,y,v,b,w,x,A,S,j,E,O,k,T,C,I,D,L,M,R,U,P,q,B,z,N;

 $if (a=jQuery.inArray(this.model.method,this.model.supportedSubmitMethods()) >= 0, a || (this.model.isReadOnly=!0), this.model.description=this.model.description||this.model.notes,this.model.oauth=null,m=this.model.authorizations||this.model.security) if (Array.isArray(m)) for (l=0,u=m.length; l<u; l++) {n=m[1]; for (s in n) for (e in length) for (l=0,u=m.length) for (l=0,u=m.length)$ 

 $this.auths) if (t=this.auths[e], s===t.name \& "oauth2"===t.type) \{this.model.oauth=\{\}, this.model.oauth.scopes=[], A=t.value.scopes; for (o in the second second$ 

 $A)P=A[o],D=n[s].indexOf(o),D>=0\&\&(y=\{scope:o,description:P\},this.model.oauth.scopes.push(y))\}\}else for(o in m)if(P=m[o],"oauth2"===o)for(null===this.model.oauth&&(this.model.oauth={}),void$ 

0 === this.model.oauth.scopes & (this.model.oauth.scopes=[]), d=0, c=P.length; d<c; d++)y=P[d], this.model.oauth.scopes.push(y); if ("undefined"!=typeof") = typeof") = typeof" = typeof

this.model.responses){this.model.responseMessages=[],S=this.model.responses;for(r in

 $1\&\&(C=C.replace(/^.*\# \forall definitions \forall /, ""))), this.model.responseMessages.push(\{code:r,message:q.description,responseModel:C,headers:q.headers,schema:I\}) if("undefined"==typeof") if("undefined"=typeof") if("undefined"=typeof") if("undefined") if("u$ 

this.model.responseMessages&&(this.model.responseMessages=[]),L=null,B=this.model.produces,z=this.contains( B,"xml"),N=!z||this.contains(B,"json"),this.model.successResponse){R=this.model.successResponse;for(s in

R)q=R[s],this.model.successCode=s,"object"==typeof q&&"function"==typeof

q.createJSONSample?(this.model.successDescription=q.description,this.model.headers=this.parseResponseHeaders( q.headers),L={sampleJSON:!!N&&JSON.stringify(SwaggerUi.partials.signature.createJSONSample(q),void

0,2), is Param: 1, sample XML: 1, sample XML: 1, signature.get Model Signature.create XML Sample (q.name, q.definition, q.models), signature: Swagger Ui.partials.signature.get Model Signature (q.name, q.definition, q.models, q.model Property Macro) }): L={signature: Swagger Ui.partials.signature.get Primitive Signature (q) }et set to the set of th

 $this.model.responseClassSignature\&\&''string"!==this.model.responseClassSignature\&\&(L={sampleJSON:this.model.responseClassSignature}); for($(this.el).html(Handlebars.templates.operation(this.model)),L?(L.defaultRendering=this.model.defaultRendering,T=new) \\$ 

SwaggerUi.Views.SignatureView({model:L,router:this.router,tagName:"div"}),\$(".model-

signature",\$(this.el)).append(T.render().el)):(this.model.responseClassSignature="string",\$(".model-

 $signature", \$(this.el)).html(this.model.type)), i= \{isParam:!1\}, i.consumes=this.model.consumes, i.produces=this.model.parameters, g=0, p=j.length; g<p; g++) b=j[g], U=b.type||b.dataType||"","undefined"==typeofU&&(C=b.schema, C&&C.\$ref&&(x=C.\$ref, U=0===x.indexOf("#/definitions/")?x.substring("#/definitions/".length):x)), U&&"file"===U.toLowerCase()&&(i.consumes="multipart/form-data")), b.type=U; for(k=new) = 0, b.type=U; for(k=$ 

SwaggerUi.Views.ResponseContentTypeView({model:i,router:this.router}),\$(".response-content-

 $type", \$(this.el)).append(k.render().el), E=this.model.parameters, v=0, h=E.length; v<h; v++)b=E[v], this.addParameter(b,i.consumes); for(O=this.model.responseMessages, w=0, f=O.length; w<f; w++)M=O[w], M.isXML=z, M.isJSON=N, .isUndefined(M.headers)||(M.headers=this.parseHeadersType(M.headers)), this.addStatusCode(M); if(Array.isArray(this.model.security)) { var$ 

 $F=SwaggerUi.utils.parseSecurityDefinitions(this.model.security,this.model.parent.securityDefinitions); F. isLogout=! \_.isEmpty(this.model.clientAuthorizations.authz), this.authView=new$ 

 $\label{eq:scopes} SwaggerUi.Views.AuthButtonView(\{data:F,router:this.router,isOperation:!0,model: \{scopes:F.scopes\}\}), this. (".authorize-wrapper").append(this.authView.render().el) \} return$ 

this.showSnippet(),this},parseHeadersType:function(e){var t={string:{"date-time":"dateTime",date:"date"}};return \_.forEach(e,function(e){var

 $n;e=e||\{\},n=t[e.type]\&\&t[e.type][e.format],_.isUndefined(n)||(e.type=n)\}),e\},contains:function(e,t){return}$ 

 $e.filter(function(e) \{ if (e.indexOf(t) > 1) return ! 0 \}). length \}, parse Response Headers: function(e) \{ var t = "; the set of the set of$ 

",n=\_.clone(e);return \_.forEach(n,function(e){var n=[];\_.forEach(e,function(e,t){var n=[];\_.forEach(e,t){var n=[];\_.forE

r=["type","description"];r.indexOf(t.toLowerCase())===-1&&n.push(t+":

"+e)}),n.join(t),e.other=n}),n},addParameter:function(e,t){e.consumes=t,e.defaultRendering=this.model.defaultRen dering,e.schema&&(\$.extend(!0,e.schema,this.model.definitions[e.type]),e.schema.definitions=this.model.definition s,e.schema.type||(e.schema.type="object"),e.schema.title||(e.schema.title="""));var n=new

params",\$(this.el)).append(n.render().el)},addStatusCode:function(e){e.defaultRendering=this.model.defaultRendering;var t=new SwaggerUi.Views.StatusCodeView({model:e,tagName:"tr",router:this.router});\$(".operation-

status",\$(this.el)).append(t.render().el)},submitOperation:function(e){var t,n,r,i,a;if(null!==e&&e.preventDefault(),n=\$(".sandbox",\$(this.el)),t=!0,n.find("input.required").each(function(){\$(

 $this).removeClass("error"), ""===jQuery.trim($(this).val()) & ($(this).addClass("error"), $(this).wiggle({callback:function(e)} return $(this).val()] & (this).val() & (t$ 

 $function()\{\{(e), focus()\}\}(this)\}), t=!1)\}), n. find("textarea.required:visible").each(function()\{\{(this).removeClass("error"), ""===jQuery.trim(\{(this).val())\&\&(\{(this).addClass("error"), \{(this).wiggle(\{(this).val(), (this).val(), (this).wiggle(\{(this).val(), (this).val(), (this).val(), (this).wiggle(\{(this).val(), (this).val(), (th$ 

(e).focus(), (this), t=!1, t=!

 $function() \{ (e).focus() \} (this) \}), t=!1) \}), t) \{ if (i=this.getInputMap(n), r=this.isFileUpload(n), a=\{parent:this\}, this.options.swaggerOptions) for (var o in this.options.swaggerOptions) a[o]=this.options.swaggerOptions[o]; var o in this.options.swaggerOptions] a statement of the statem$ 

 $s; for (s=0; s< this.model.parameters.length; s++) \{ var \\$ 

 $l{=}this.model.parameters[s]; if (l.jsonEditor \&\&l.jsonEditor.isEnabled()) \{varameters[s]; if (l.jsonEditor \&\&l.jsonEditor.isEnabled()) \}$ 

 $u=l.jsonEditor.getValue(); i[l.name]=JSON.stringify(u)\} \\ return \ a.responseContentType= \\ ("diverselection of the set of the set$ 

select[name=responseContentType]",\$(this.el)).val(),a.requestContentType=\$("div

select[name=parameterContentType]",\$(this.el)).val(),\$(".response\_throbber",\$(this.el)).show(),r?(\$(".request\_url", \$(this.el)).html(""),\$(".request\_url

pre",\$(this.el)).text(this.invocationUrl),a.useJQuery=!0,i.parameterContentType="multipart/form-

 $data", this.map=i, this.model.execute(i, a, this.showCompleteStatus, this.showErrorStatus, this)): (this.map=i, this.model.execute(i, a, this.showCompleteStatus, this.showErrorStatus, this)) } , getInputMap:function(e) { var } a = 1, a =$ 

 $t,n,r,i,a,o,s,l,u,c,p,h;for(t=\{\},n=e.find("input"),r=0,i=n.length;r<i;r++)a=n[r],null!==a.value&&jQuery.trim(a.value). length>0&&(t[a.name]=a.value),"file"===a.type&&(t[a.name]=a.files[0]);for(o=e.find("textarea"),s=0,l=o.length;sl;s++)a=o[s],u=this.getTextAreaValue(a),null!==u&&jQuery.trim(u).length>0&&(t[a.name]=u);for(c=e.find("select"),p=0,h=c.length;p<h;p++)a=c[p],u=this.getSelectedValue(a),null!==u&&jQuery.trim(u).length>0&&(t[a.name]=u);for(c=e.find("select"),p=0,h=c.length;p<h;p++)a=c[p],u=this.getSelectedValue(a),null!==u&&jQuery.trim(u).length>0&&(t[a.name]=u);for(c=e.find("select"),p=0,h=c.length;p<h;p++)a=c[p],u=this.getSelectedValue(a),null!==u&&jQuery.trim(u).length>0&&(t[a.name]=u);for(c=e.find("select"),p=0,h=c.length;p<h;p++)a=c[p],u=this.getSelectedValue(a),null!==u&&jQuery.trim(u).length>0&&(t[a.name]=u);for(c=e.find("select"),p=0,h=c.length;p<h;p++)a=c[p],u=this.getSelectedValue(a),null!==u&&jQuery.trim(u).length>0&&(t[a.name]=u);for(c=e.find("select"),p=0,h=c.length;p<h;p++)a=c[p],u=this.getSelectedValue(a),null!==u&&jQuery.trim(u).length>0&&(t[a.name]=u);for(c=e.find("select"),p=0,h=c.length;p<h;p++)a=c[p],u=this.getSelectedValue(a),null!==u&&jQuery.trim(u).length>0&&(t[a.name]=u);for(c=e.find("select"),p=0,h=c.length;p<h;p++)a=c[p],u=this.getSelectedValue(a),null!==u&&jQuery.trim(u).length>0&&(t[a.name]=u);for(c=e.find("select"),p=0,h=c.length;p<h;p++)a=c[p],u=this.getSelectedValue(a),null!==u&&jQuery.trim(u).length>0&&(t[a.name]=u);for(c=e.find("select"),p=0,h=c.length;p<h;p++)a=c[p],u=this.getSelectedValue(a),null!==u&&jQuery.trim(u).length>0&&(t[a.name]=u);for(c=e.find("select"),p=0,h=c.length;p<h;p++)a=c[p],u=this.getSelectedValue(a),null!==u&&jQuery.trim(u).length>0&&(t[a.name]=u);for(c=e.find("select"),p=0,h=c.length;p<h;p++)a=c[p],u=this.getSelectedValue(a),null!==u&&jQuery.trim(u).length>0&&(t[a.name]=u);for(c=e.find("select"),p=0,h=c.length;p<h;p++)a=c[p],u=this.getSelectedValue(a),null!==u&&jQuery.trim(u).length>0&&(t[a.name]=u);for(c=e.find("select"),p=0,h=c.length;p<h;p+$ 

 $t,n,r,i,a=!1; for(t=e.find("input"),n=0,r=t.length;n<\!\!r;n++)i=t[n],"file"===i.type\&\&(a=!0); returnal of the state of th$ 

a},success:function(e,t){t.showCompleteStatus(e)},wrap:function(e){var

 $t,n,r,i,a,o,s;for(r=\{ \},n=e.getAllResponseHeaders().split("\r"),a=0,o=n.length;a<o;a++)i=n[a],t=i.match(/^([^:]*?):(.*)/,t]|(t=[]),t.shift(),void 0!==t[0]\&&void 0!==t[1]\&\&(r[t[0].trim()]=t[1].trim());return$ 

 $s=\{\},s.content=\{\},s.content.data=e.responseText,s.headers=r,s.request=\{\},s.request.url=this.invocationUrl,s.status=e.status,s\},getSelectedValue:function(e){if(e.multiple)}{for(var t=[],n=0,r=e.options.length;n<r;n++)}{var i=e.options[n];i.selected&&t.push(i.value)}return t.length>0?t:null}return$ 

e.value},hideResponse:function(e){e&&e.preventDefault(),\$(".response",\$(this.el)).slideUp(),\$(".response\_hider",\$ (this.el)).fadeOut()},showResponse:function(e){var

 $t=JSON.stringify(e,null,"\t").replace(/\n/g,"<br>");$(".response_body",$(this.el)).html(_.escape(t))},showErrorStatus:sfunction(e,t){t.showStatus(e)},formatXml:function(e){vart,n,r,i,a,o,s,l,u,c,p,h,f;for(p=/(>)(<)(\/*)/g,f=/[]*(.*)[$ 

>other":0,"closing->single":0,"closing->closing":-1,"closing->opening":0,"closing->other":0,"opening-

>single":1,"opening->closing":0,"opening->opening":1,"opening->other":1,"other->single":0,"other->closing":-1,"other->opening":0,"other->other":0},n=function(e){var

 $t,n,a,s,l,u,c;u=\{single:Boolean(e.match(/<.+\langle>/)),closing:Boolean(e.match(/<\langle+/.+>/)),opening:Boolean(e.match(/<[^ !?].*>/))\},l=function()\{var e;e=[];for(a in u)c=u[a],c&&e.push(a);return e}()[0],l=void 0===l?"other":l,t=o+"->"+l,o=l,s="",i+=h[t],s=function(){var e,t,r;for(r=[],n=e=0,t=i;0<=t?e<t:e>t;n=0<=t?++e:--e)r.push(" ");return r}().join(""),"opening->closing"===t?r=r.substr(0,r.length-$ 

 $1)+e+"\n":r+=s+e+"\n",a=0,s=1.length;a<s;a++)u=l[a],n(u);return r],showStatus:function(e){var t,n;void 0==e.content?(n=e.data,t=e.url):(n=e.content.data,t=e.request.url);var r=e.headers;"string"==typeof n&&(n=jQuery.trim(n));var i=null;r&&(i=r["Content-Type"]||r["content-$ 

type"],i&&(i=i.split(";")[0].trim())),\$(".response\_body",\$(this.el)).removeClass("json"),\$(".response\_body",\$(this.el)).removeClass("xml");var a,o,s=function(e){var

 $t=document.createElement("audio"); return!(!t.canPlayType||!t.canPlayType(e).replace(/no/,"")) \}, l=!1; if(n) if("applic ation/octet-stream"===i||r["Content-Disposition"] & &/attachment/.test(r["Content-Disposition"])||r["content-Disposition"] & &/attachment/.test(r["Content-Disposition"] & &/attachment/.test(r["Content-Disposition"])||r["content-Disposition"] & &/attachment/.test(r["Content-Disposition"] & &/attachment/.test(r["Content-Disposition"])||r["content-Disposition"] & &/attachment/.test(r["Content-Disposition"] & &/attachment/.test(r["Content-Disposition"] & &/attachment/.test(r["Content-Disposition"] & &/attachment/.test(r["Content-Disposition"] & &/attachment/.test(r["Content-Disposition"] & &/attachment/.te$ 

disposition"]&&/attachment/.test(r["content-disposition"])||r["Content-Description"]&&/File

description"]))if("Blob"in window){var u,c=i||"text/html",p=document.createElement("a");if("[object

 $Blob]"===\{\}.toString.apply(n))u=window.URL.createObjectURL(n);else\{var=1, var=1, var$ 

 $h=[];h.push(n),u=window.URL.createObjectURL(new Blob(h,\{type:c\}))\} var$ 

f=e.url.substr(e.url.lastIndexOf("/")+1), d=[c,f,u].join(":"), m=r["content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["Content-disposition"]||r["

Disposition"];if("undefined"!=typeof m){var

 $g=/filename=([^;]^*);?/.exec(m);null!==g\&\&g.length>1\&\&(d=g[1],f=d)\}p.setAttribute("href",u),p.setAttribute("dow nload",d),p.innerText="Download "+f,a=$("<div/>").append(p),l=!0}else a=$('$ 

/>').append("Download headers detected but your browser does not support downloading binary via XHR

 $(Blob)."); else if ("application/json"===i||/+json\$/.test(i)) { var y=null; try { y=JSON.stringify(JSON.parse(n),null," y=1) } } and y=100\% and y=10\% and$ 

")}catch(v){y="can't parse JSON. Raw result: $n^+=0=$ ("<code />").text(y),a=\$('").text(y),a=\$('<pre class="json" /=").text(y),a=\$('<pre class="json" /=").

 $\label{eq:code} \end{scalar} is if ("application/xml"===i||/+xml$/.test(i)) o=$("<\!code /\!>").text(this.formatXml(n)), a=$('<\!pression (a)) o=$("<\!code /\!>").text(this.formatXml(n)), a=$("<\!code /\!").text(this.formatXml(n)), a=$("<\!code /\!").text(this.formatXml(n)), a=$("<\!code /\!").text(this.formatXml(n)), a=$("<\!code /\!").text(this.formatXml(n)), a=$ 

class="xml" />').append(o);else if("text/html"===i)o=\$("<code />").html(\_.escape(n)),a=\$('').append(o);else if(/text/plain/.test(i))o=\$("<code />").text(n),a=\$('').append(o);else

if(/^image\//.test(i)){var

 $b=window.URL||window.webkitURL,w=b.createObjectURL(n);a=\$("<\!img>").attr("src",w)\}else/^audio{//.test(i)&& s(i)?a=\$("<\!audio").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=\$("<\!img>").attr("src",w)}else/^audio{//.test(i)}&=$ 

 $controls>").append(((<source>").attr("src",t).attr("type",i)):r.location||r.Location?window.location=e.url:(o=(<code />").text(n),a=().append(o));else o=((<code />").text("no content"),a=().append(o);var x=a;(".request_url",(this.el)).html("//pre>"),(".request_url")$ 

pre",\$(this.el)).text(t),\$(".response\_code",\$(this.el)).html(""+e.status+""),\$(".response\_body",\$(this.el)) .html(x),\$(".response\_headers",\$(this.el)).html(""+\_.escape(JSON.stringify(e.headers,null,"

")).replace(/\n/g,"<br>")+""),(".response", (this.el)).slideDown(), $(".response_hider", (this.el))$ .show(), $(".response_throbber", (this.el))$ .hide();var

A=this.model.asCurl(this.map,{responseContentType:i});A=A.replace("!","!"),\$("div.curl",\$(this.el)).html(""+\_.escape(A)+"");var S=this.options.swaggerOptions;if(S.showRequestHeaders){var

j=\$(".sandbox",\$(this.el)),E=this.getInputMap(j),O=this.model.getHeaderParams(E);delete O["Content-

Type"],\$(".request\_headers",\$(this.el)).html(""+\_.escape(JSON.stringify(O,null,"

")).replace(/\n/g,"<br>")+"")}S.responseHooks&&S.responseHooks[this.nickname]&&S.responseHooks[this.nickname](e,this);var k=\$(".response\_body",\$(this.el))[0];return S.highlightSizeThreshold&&"undefined"!=typeof e.data&&e.data.length>S.highlightSizeThreshold||l?k:hljs.highlightBlock(k)},toggleOperationContent:function(e){v ar

 $t=\$("\#"+Docs.escapeResourceName(this.parentId+"_"+this.nickname+"_content")); t.is(":visible")?(\$.bbq.pushState ("\#/",2), e.preventDefault(), Docs.collapseOperation(t)):Docs.expandOperation(t) }, getTextAreaValue:function(e){var t,n,r,i;if(null===e.value||0===jQuery.trim(e.value).length)return}$ 

 $null; if (t=this.getParamByName(e.name), t\&\&t.type\&\&"array"===t.type.toLowerCase()) \{for(n=e.value.split("\n"), r=[], i=0; i<n.length; i++)null!==n[i]\&\&jQuery.trim(n[i]).length>0\&\&r.push(n[i]); return r.length>0?r:null}return e.value \}, showSnippet: function() {var e, t=this.$("[name=responseContentType]"), n=this.$(".operation-status for the state of the state of$ 

.snippet\_xml, .response-class .snippet\_xml"),r=this.\$(".operation-status .snippet\_json, .response-class .snippet\_json");t.length&&(e=t.val(),e.indexOf("xml")>-

1?(n.show(),r.hide()):(r.show(),n.hide()))},getParamByName:function(e){var

t; if (this.model.parameters) for (t=0; t< this.model.parameters.length; t++) if (this.model.parameters[t].name===e) return this.model.parameters[t]; return

null}}),SwaggerUi.Views.ParameterContentTypeView=Backbone.View.extend({initialize:function(){},render:function(){return

this.model.parameterContentTypeId="pct"+Math.random(),\$(this.el).html(Handlebars.templates.parameter\_content \_type(this.model)),this}),SwaggerUi.Views.ParameterView=Backbone.View.extend({events:{"change

[name=parameterContentType]":"toggleParameterSnippet"},initialize:function(){Handlebars.registerHelper("isArra y",function(e,t){var

 $n=e.type\&\&e.type.toLowerCase(); return"array"===n||e.allowMultiple?t.fn(this):t.inverse(this)}) \}, render:function() \{var = 0 \}$ 

e,t,n=this.model.type||this.model.dataType,r=this.model.modelSignature.type,i=this.modelSignature.definitions,a=this.model.schema||{},o=this.model.consumes||[];if("undefined"==typeof n&&a.\$ref){var}

 $s=a.$ref;n=0===s.indexOf("#/definitions/")?s.substring("#/definitions/".length):s}this.model.type=n,this.model.paramType=this.model["in"]||this.model.paramType,this.model.isBody="body"===this.model.paramType||"body"===this.model.paramType||"body"===this.model["in"],this.model.isFile=n&&"file"===n.toLowerCase(),"undefined"==typeof$ 

this.model["default"] & & (this.model["default"] = this.model.defaultValue), this.model.hasDefault = "undefined"! = type of

this.model["default"],this.model.valueId="m"+this.model.name+Math.random(),this.model.allowableValues&&(thi s.model.isList=!0);var

l=this.contains(o,"xml"),u=!l||this.contains(o,"json");e=SwaggerUi.partials.signature.createParameterJSONSample(r ,i);var c=this.template();\$(this.el).html(c(this.model));var

p={sampleJSON:!!u&&e,sampleXML:!(!e||!!)&&SwaggerUi.partials.signature.createXMLSample("",a,i,!0),isPara m:!0,signature:SwaggerUi.partials.signature.getParameterModelSignature(r,i),defaultRendering:this.model.defaultR endering};e?(t=new SwaggerUi.Views.SignatureView({model:p,tagName:"div"}),\$(".model-

signature", \$(this.el)).append(t.render().el)): \$(".model-signature", \$(this.el)).html(this.model.signature); var and the second seco

 $h=!1; if (this.options.swaggerOptions.jsonEditor\&this.model.isBody\&this.model.schema) {variable optimised optimise$ 

f=\$(this.el);this.model.jsonEditor=new

JSONEditor(\$(".editor\_holder",f)[0],{schema:this.model.schema,startval:this.model["default"],ajax:!0,disable\_prop erties:!0,disable\_edit\_json:!0,iconlib:"swagger"}),p.jsonEditor=this.model.jsonEditor,\$(".body-

textarea",f).hide(),\$(".editor\_holder",f).show(),\$(".parameter-content-

type",f).change(function(e){"application/xml"===e.target.value?(\$(".body-

textarea",f).show(),\$(".editor\_holder",f).hide(),this.model.jsonEditor.disable()):(\$(".body-

 $textarea",f).hide(),$(".editor_holder",f).show(),this.model.jsonEditor.enable())}) this.model.isBody&&(h=!0);vard={isParam:h};if(d.consumes=this.model.consumes,h){varm=new} text{ } text{ }$ 

SwaggerUi.Views.ParameterContentTypeView({model:d});\$(".parameter-content-

 $type", \$(this.el)).append(m.render().el), this.toggleParameterSnippet() \rbrace else \{var \ g=new$ 

 $e.filter(function(e) \{ if (e.indexOf(t) > 1) return ! 0 \}). length \}, toggleParameterSnippet: function() \{ var(t) > 1) return ! 0 \}). length \}, toggleParameterSnippet: function() \{ var(t) > 1) return ! 0 \}). length \}, toggleParameterSnippet: function() \{ var(t) > 1) return ! 0 \}). length \}, toggleParameterSnippet: function() \{ var(t) > 1) return ! 0 \}). length \}, toggleParameterSnippet: function() \{ var(t) > 1) return ! 0 \}). length \}, toggleParameterSnippet: function() \{ var(t) > 1) return ! 0 \}). length \}, toggleParameterSnippet: function() \{ var(t) > 1) return ! 0 \}). length \}, toggleParameterSnippet: function() \{ var(t) > 1) return ! 0 \}). length \}, toggleParameterSnippet: function() \{ var(t) > 1) return ! 0 \}). length \}, toggleParameterSnippet: function() \{ var(t) > 1) return ! 0 \}). length \}, toggleParameterSnippet: function() \{ var(t) > 1) return ! 0 \}). length \}, toggleParameterSnippet: function() \{ var(t) > 1) return ! 0 \}). length \}, toggleParameterSnippet: function() \{ var(t) > 1) return ! 0 \}). length \}, toggleParameterSnippet: function() \{ var(t) > 1) return ! 0 \}). length \}, toggleParameterSnippet: function() \{ var(t) > 1) return ! 0 \}). length \}, toggleParameterSnippet: function() \{ var(t) > 1) return ! 0 \}). length \}, toggleParameterSnippet: function() \{ var(t) > 1) return ! 0 \}$ 

 $e=this.\$("[name=parameterContentType]").val(); this.toggleSnippet(e)\}, toggleResponseSnippet:function() \{var_{int}, var_{int}, var$ 

e=this.\$("[name=responseContentType]");e.length&&this.toggleSnippet(e.val())},toggleSnippet:function(e){e=e||"", e.indexOf("xml")>-

1?(this.\$(".snippet\_xml").show(),this.\$(".snippet\_json").hide()):(this.\$(".snippet\_json").show(),this.\$(".snippet\_xml" ).hide())},template:function(){return

this.model.isList?Handlebars.templates.param\_list:this.options.readOnly?this.model.required?Handlebars.templates.param\_readonly:this.model.required?Handlebars.templates.param\_r equired:Handlebars.templates.param\_readonly:this.model.required?Handlebars.templates.param\_r equired:Handlebars.templates.param\_}}],SwaggerUi.partials.signature=function(){function e(e){var}}

 $t,i=e.name,a=e.definition,o=e.config,s=e.models,l=e.config.isParam,u=[],c=a.properties,p=a.additionalProperties,h=a.xml,f=b(h);return f&&u.push(f),c||p?(c=c||{},t=\_.map(c,function(e,t){var n,i};return)$ 

 $\label{eq:constraint} $$ ldots e:= 1.5 \ (n=e.xml||{},i=r(t,e,s,o),n.attribute?(u.push(i),""):i)}).join(""),p&&(t+="<!-- additional elements allowed -->"),y(i,t,u)):n()} function t(e,t){return y(e,"<!-- Infinite loop $ref:"+t+" -->")} function n(e){return e=e?": "+e:"","<!-- invalid XML"+e+" -->"} function r(r,i,s,l){var} $$ var_{i} = 1.5 \ var_{$ 

u,c,p= .isObject(i)?i.\$ref:null;l=l||{}.l.modelsToIgnore=l.modelsToIgnore||[];var

h=\_.isString(p)?a(p,r,s,l):o(r,i,s,l);if(!h)return

n();switch(h.type){case"array":u=w(h);break;case"object":u=e(h);break;case"loop":u=t(h.name,h.config.loopTo);bre ak;default:u=A(h)}return p&&"loop"!==h.type&&(c=l.modelsToIgnore.indexOf(p),c>-

1&&l.modelsToIgnore.splice(c,1)),u}function i(e,t,n,r,i){if(arguments.length<4)throw new

 $a=u(e),o=n[a]||\{\},s=o.definition\&\&o.definition.type?o.definition.type:"object";return a=u(e),o=n[a]||\{\},s=o.definition\&\&o.definition.type?o.definition.type:"object";return a=u(e),o=n[a]||\{\},s=o.definition\&\&o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.definition.type?o.$ 

t=o.definition&&o.definition.xml&&o.definition.xml.name?t||o.definition.xml.name||o.name:t||o.name,r.modelsToIgnore.indexOf(e)>-1?(s="loop",r.loopTo=a):r.modelsToIgnore.push(e),o.definition?new

 $i(t,s,o.definition,n,r):null \\ function o(e,t,n,r) \\ var a=t.type \|"object"; return \\$ 

 $t.xml\&\&t.xml.name\&\&(e=t.xml.name||e), t?new i(e,a,t,n,r):null \\ function s(e,t,n,i) \\ var a='<?xml \\ s(e,t,n,i) \\ s(e,t,$ 

version="1.0"?>';return p(a+r(e,t,n,{isParam:i}))}var l=function(e){return

\_.isPlainObject(e.schema)&&(e=l(e.schema)),e},u=function(e){return"undefined"==typeof

e?null:0===e.indexOf("#/definitions/")?e.substring("#/definitions/".length):e},c=function(e){if(/^Inline Model

\d+\$/.test(e)&&this.inlineModels){var t=parseInt(e.substr("Inline

Model".length).trim(),10),n=this.inlineModels[t];return n}return null},p=function(e){var

t,n,r,i,a,o,s,l,u,c,p,h,f;for(p=/(>)(<)(//\*)/g,f=/[]\*(.\*)[

 $o="other",h=\{"single->single":0,"single->closing":-1,"single->opening":0,"single->other":0,"closing-single->closing":-1,"single->opening":0,"single->other":0,"closing-single->closing":-1,"single->opening":0,"single->other":0,"closing-single->closing":-1,"single->opening":0,"single->other":0,"closing-single->closing:-1,"single->opening":0,"single->other":0,"closing-single->closing:-1,"single->opening":0,"single->other":0,"closing-single->closing:-1,"single->opening:-1,"single->other":0,"closing-single->other":0,"closing-single->closing:-1,"single->opening:-1,"single->other":0,"closing-single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other:-1,"single->other$ 

> single":0, "closing-> closing":-1, "closing-> opening":0, "closing-> other":0, "opening-> single":1, "opening-> other":0, "opening-> single":1, "openi

 $>\!\!closing":0,"opening-\!\!>\!\!opening":1,"opening-\!\!>\!\!other":1,"other-\!\!>\!\!single":0,"other-\!\!>\!\!closing":-1,"other-\!\!>\!\!closing":-1,"other-\!\!>\!\!closing":-1,"other-\!\!>\!\!closing":-1,"other-\!\!>\!\!closing":-1,"other-\!\!>\!\!closing":-1,"other-\!\!>\!\!closing":-1,"other-\!\!>\!\!closing":-1,"other-\!\!>\!\!closing":-1,"other-\!\!>\!\!closing":-1,"other-\!\!>\!\!closing":-1,"other-\!\!>\!\!closing":-1,"other-\!\!>\!\!closing":-1,"other-\!\!>\!\!closing":-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!>\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"other-\!\!closing:-1,"$ 

>opening":0,"other->other":0},n=function(e){var

 $t,n,a,s,l,u,c;u=\{single:Boolean(e.match(/<.+\vee)),closing:Boolean(e.match(/<\vee)),opening:Boolean(e.match(/<[^ !?].*>/))\},l=function()\{var e;e=[];for(a in u)c=u[a],c&&e.push(a);return e}()[0],l=void 0===l?"other":l,t=o+"->"+l,o=l,s="",i+=h[t],s=function(){var e,t,r;for(r=[],n=e=0,t=i;0<=t?e<t:e>t;n=0<=t?++e:--e)r.push(" ");return r}().join(""),"opening->closing"===t?r=r.substr(0,r.length-$ 

 $\label{eq:linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_linear_line$ 

e.\$ref?t+=i(e,u(e.\$ref)):"object"===n?t+=\_.isUndefined(e.properties)?"object":i(e):"array"===n?(t+="Array[",\_.isA rray(e.items)?t+=\_.map(e.items,i).join(","):\_.isPlainObject(e.items)?t+=\_.isUndefined(e.items.\$ref)?\_.isUndefined(e .items.type)|\_\_.indexOf(["array","object"],e.items.type)!==-

1?i(e.items):e.items.type:i(e.items,u(e.items.\$ref)):(console.log("Array type's 'items' schema is not an array or an object, cannot process"),t+="object"),t+="]"):t+=e.type,t+="</span>"}function o(e,t){var

n="",r=e.type||"object",i="array"===r;switch(\_.isUndefined(e.description)||(t+=': <span

 $\label{eq:class="propDesc">+e.description+"</span>"),e["enum"] \&\&(t+='=<\!span\ class="propVals">[\"+e["enum"].join("', "')+"']</span>"),i&&(r=\_.isPlainObject(e.items) \&\&!\_.isUndefined(e.items.type)?e.items.type:"object"),\_.isUndefined(e["default"])||(n+=h("Default",e["default"])),r){case"string":e.minLength&&(n+=h("Min.$ 

Length", e.minLength)), e.maxLength&&(n+=h("Max. Length", e.maxLength)), e.pattern&&(n+=h("Reg.")), e.maxLength&(n+=h("Reg.")), e.maxLength@

 $\label{eq:exp:case} Exp.", e.pattern)); break; case" integer": e.minimum \&\& (n+=h("Min.$ 

Value",e.minimum)),e.exclusiveMinimum&&(n+=h("Exclusive Min.","true")),e.maximum&&(n+=h("Max.

Value", e.maximum)), e.exclusiveMaximum&&(n+=h("Exclusive Max.", "true")), e.multipleOf&&(n+=h("Multiple Max.", "true"))), e.multipleOf&&(n+=h("Multiple Max.", "true")))), e.multipleOf&&(n+=h("Multiple Max.", "true"))), e.multipleOf&&(n+=h("Multiple Max.", "true"))))))))))

 $Of", e.multipleOf)) \\ \\ if (i\&\&(e.minItems\&\&(n+=h("Min. Items", e.minItems)), e.maxItems\&\&(n+=h("Max. Items", e.minItems)), e.maxItems\&\&(n+=h("Min. Items", e.minItems)), e.maxItems\&\&\&(n+=h("Min. Items", e.minItems)), e.maxItems\&\&\&(n+=h("Min. Items", e.minItems)), e.maxItems\&\&(n+=h("Min. Items", e.minItems)), e.maxItems(minItems)), e.maxItems(minItems)), e.maxItems(minItems)), e.maxItems(minItems)), e.maxItems(minItems)), e.maxItems(minItems)), e.maxItems(minItems)), e.maxItems(minItems)), e.maxItems(minItems)), e.maxItem$ 

Items", e.maxItems)), e.uniqueItems&&(n+=h("Unique Items", "true")), e.collectionFormat&&(n+=h("Coll.")), e.collectionFormat&(n+=h("Coll.")), e.collectionFormat&(n+=h("Coll

Format",e.collectionFormat))),\_.isUndefined(e.items)&&\_.isArray(e["enum"])){var

 $a;a="number"===r||"integer"===r?e["enum"].join(", "):""+e["enum"].join(", ")+"",n+=h("Enum",a) \} return a;a="number"===r||"integer"===r?e["enum"].join(", "):""+e["enum"].join(", ")+"",n+=h("Enum",a) \} return a;a="number"===r?e["enum"].join(", ")+"",n+=h("Enum",a) \} return a;a="number"===r?e["enum"].join(", ")+"",n+=h("Enum",a) \} return a;a="number===r?e["enum"].join(", ")+"",n+=h("Enum",a) \} return a;a="number===r?e["enum"].join(", ")+"",a="number===r?e["enum"].join(", ")+"",a="number===r?e["enum"].join(", ")+"",a="number===r?e["enum"].join(", ")+"",a="number===r?e["enum"].join(", ")+"",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="number=="number===r",a="number===r",a="number===r",a="number===r",a="number===r",a="nu$ 

 $n.length > 0 \&\& (t = '< span \ class = "propWrap" > '+t + '$ 

 $colspan="2">'+r+"</span>"),t} function \ s(e,t) \{var_{table} = (t_{table}) + (t_{table}) +$ 

s,h=e.type||"object",f="array"===e.type,m=c+t+" "+(f?"[":"{")+p;return

 $t\&\&d.push(t), f?\_.isArray(e.items)?m+="<\!div>"+\_.map(e.items,function(e){var t=e.type||"object";return}) = f(t) = f(t)$ 

\_.isUndefined(e.\$ref)?\_.indexOf(["array","object"],t)>-

 $1?"object"===t\&\&\_isUndefined(e.properties)?"object":i(e):o(e,t):i(e,u(e.\$ref))\}).join(",</div><div>"):\_.isPlainObject":i(e):o(e,t):i(e,u(e.\$ref))\}).join(",</div><div>"):\_.isPlainObject":i(e):o(e,t):i(e,u(e.\$ref))\}).join(",</div><div>"):\_.isPlainObject":i(e):o(e,t):i(e,u(e.\$ref))\}).join(",</div><div>"):\_.isPlainObject":i(e):o(e,t):i(e,u(e.\$ref))\}).join(",</div><div>"):\_.isPlainObject":i(e):o(e,t):i(e,u(e.\$ref))\}).join(",</div><div>"):\_.isPlainObject":i(e):o(e,t):i(e,u(e.\$ref))\}).join(",</div><div>"):\_.isPlainObject":i(e):o(e,t):i(e,u(e.\$ref))].join(",</div><div>"):\_.isPlainObject":i(e):o(e,t):i(e,u(e,\$ref))].join(",</div><div>"):\_.isPlainObject":i(e):o(e,t):i(e,u(e,\$ref))].join(",</div></div></div></div>$ 

1?(\_.isUndefined(e.items.type)||"object"===e.items.type)&&\_.isUndefined(e.items.properties)?"<div>object</div>" :"<div>"+i(e.items)+"</div>":"<div>"+o(e.items,e.items.type)+"</div>":"<div>"+i(e.items,u(e.items.\$ref))+"</div>":"(console.log("Array type's 'items' property is not an array or an object, cannot

process"),m+="<div>object</div>"):e.\$ref?m+="<div>"+i(e,t)+"</div>":"object"===h?(\_.isPlainObject(e.propertie s)&&(s=\_.map(e.properties,function(t,i){var}))

s,c=\_.indexOf(e.required,i)>=0,p=\_.cloneDeep(t),h=c?"required":"",f='<span class="propName '+h+'">'+i+"</span> (";return

 $p["default"]=r(p), p=l(p), \_isUndefined(p.\$ref) \| (s=n[u(p.\$ref)], \_isUndefined(s) \| \_indexOf([void not set of (a not set of ($ 

 $0, "array", "object"], s. definition.type) !== -1 \| (p = l(s. definition))), f + = a(p), c \| (f + =', < span (p), c \| ($ 

class="propOptKey">optional</span>'),t.readOnly&&(f+=', <span class="propReadOnly">read only</span>'),f+=")","<div"+(t.readOnly?'

 $class="readOnly":"")+">"+o(p,f) \}).join(",</div>")),s\&\&(m+=s+"</div>")):m+="<div>"+o(e,h)+"</div>",m+c+(f?")):m+="<div>"+o(e,h)+"</div>",m+c+(f?")):m+="<div>"+o(e,h)+"</div>",m+c+(f?")):m+="<div>"+o(e,h)+"</div>",m+c+(f?"):m+="<div>"+o(e,h)+"</div>",m+c+(f?"):m+="<div>"+o(e,h)+"</div>",m+c+(f?"):m+="<div>"+o(e,h)+"</div>",m+c+(f?"):m+="<div>"+o(e,h)+"</div>",m+c+(f?"):m+="<div>"+o(e,h)+"</div>",m+c+(f?"):m+="<div>"+o(e,h)+"</div>",m+c+(f?"):m+="<div>"+o(e,h)+"</div>",m+c+(f?"):m+="<div>"+o(e,h)+"</div>",m+c+(f?"):m+="<div>"+o(e,h)+"</div>",m+c+(f?"):m+="<div>"+o(e,h)+"</div>",m+c+(f?"):m+="<div>"+o(e,h)+"</div>",m+c+(f?"):m+="<div>"+o(e,h)+"</div>",m+c+(f?"):m+="<div>"+o(e,h)+"</div>",m+c+(f?"):m+="<div",m+c+(f?"):m+="<div",m+c+(f?"):m+="<div",m+c+(f?"):m+="<div",m+c+(f?"):m+="<div",m+c+(f?"):m+="<div",m+c+(f?"):m+="<div",m+c+(f?"):m+="<div",m+c+="<div",m+c+(f?"):m+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="<div",m+c+="$ 

class="optionName">'+e+":"+t+"

 $0, t= arguments[0], n= arguments[1], r= arguments[2]), n=n \|\{\}, t=l(t), \_.isEmpty(t)) return$ 

c+"Empty"+p; if("string"==type of t.\$ref & (e=u(t.\$ref), t=n[e], "undefined"==type of t)) return c+e+" is not the string term of term of

defined!"+p;"string"!=typeof e&&(e=t.title||"Inline Model"),t.definition&&(t=t.definition),"function"!=typeof r&&(r=function(e){return(e||{})["default"]});for(var

 $f[t],n||(d.push(t),g+="<\!br/>>"+s(e,t))\}); return g\}, f=function(e,t,n,r)\{e=l(e),"function"!=typeof(e,t,n,r)\}$ 

 $r\&\&(r=function(e)\{return(e\|\{\})["default"]\}), n=n\|\{\}; var i, a, o=e.type\|"object", s=e.format; return and the set of the$ 

 $\label{eq:isometric} $$ $$ isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometric.isometr$ 

 $Date).to ISOS tring().split("T")[0]:"string":"integer"===o?a=0:"number"===o?a=0:"boolean"===o?a=!0:"object"===o?(a={},_.forEach(e.properties,function(e,i){var}))$ 

 $o=\_.cloneDeep(e);o["default"]=r(e),a[i]=f(o,t,n,r)\})):"array"===o\&\&(a=[],\_isArray(e.items)?\_.forEach(e.items,fun ction(e){a.push(f(e,t,n,r))}):\_.isPlainObject(e.items)?a.push(f(e.items,t,n,r)):\_.isUndefined(e.items)?a.push({}):cons ole.log("Array type's 'items' property is not an array or an object, cannot$ 

 $\label{eq:process} process"): a=e["default"]), a\}, d=function(e,t) \{ if(t=t|| \{ \}, t[e.name]=e,e.examples\&\&\_isPlainObject(e.examples)) \{ e=\_ .cloneDeep(e); var n=Object.keys(e.examples);\_.forEach(n,function(n) \{ if(0===n.indexOf("application/json")) \} var r=e.examples[n]; return \\ \end{tabular}$ 

 $e?(e="undefined",n=!0):t[e]?(e=t[e],n=!1):c(e)?(e=c(e),n=!1):n=!0,n?r?"Array["+e+"]":e.toString():r?"Array["+h(e. name,e.definition,e.models,e.modelPropertyMacro)+"]":h(e.name,e.definition,e.models,e.modelPropertyMacro)},g=function(e,t){var n,r,i;if(t=t)|}{},n=e instanceof$ 

 $\label{eq:array} Array, i=n?e[0]:e,t[i]?r=d(t[i]):c(i)\&\&(r=d(c(i))), r) \{ if(r=n?[r]:r,"string"==typeof r) return r; if(\_isObject(r)) \{ var a=r; if(r instance of Array\&\&r.length>0\&\&(a=r[0]), a.nodeName\&\&"Node"==typeof a) \{ var o=(new array) \} \}$ 

 $\label{eq:constraint} $$ "+e.name+'="'+e.value+'''' ].join('''),e?(i=["<",e,a,">",t,"</",e,">"],i.join(''')):n("Node name is not provided") ],v=function(e,t) {var n=e||"";return t=t||{},t.prefix&&(n=t.prefix+":"+n),n},b=function(e) {var t="",n="xmlns";return t=t||} ...,n="xmlns";return t=$ 

 $e=e||\{\},e.namespace?(t=e.namespace,e.prefix\&\&(n+=":"+e.prefix),\{name:n,value:t\}):t\},w=function(e)\{vart,i=e.name,a=e.config,o=e.definition,s=e.models,l=o.items,u=o.xml||\{\},c=b(u),p=[];if(!l)return n();var h=i;return l.xml\&\&l.xml.name\&\&(h=l.xml.name),t=r(h,l,s,a),c\&\&p.push(c),u.wrapped\&\&(t=y(i,t,p)),t\},x=function(e)\{vart,n;switch(e=e||\{\},n=e.items||\{\},t=e.type||"")\{case"object":return"Object is not a}$ 

primitive";case"array":return"Array["+(n.format||n.type)+"]";default:return e.format||t}},A=function(e){var t,r=e.name,i=e.definition,a={string:{date:new Date(1).toISOString().split("T")[0],"date-time":new

 $Date(1).toISOString(),"default":"string"}, integer: {"default":1}, number: {"default":1.1}, "boolean": {"default":!0} }, o= i.type, s=i.format, l=i.xml || {}, u=b(l), c=[]; return$ 

\_.keys(a).indexOf(o)<0?n():(t=\_.isArray(i["enum"])?i["enum"][0]:i.example||a[o][s]||a[o]["default"],l.attribute?{nam e:r,value:t}:(u&&c.push(u),y(r,t,c)))};return{getModelSignature:h,createJSONSample:d,getParameterModelSignatu re:m,createParameterJSONSample:g,createSchemaXML:r,createXMLSample:s,getPrimitiveSignature:x}}(),Swagge rUi.Views.PopupView=Backbone.View.extend({events:{"click .api-popup-

cancel":"cancelClick" },template:Handlebars.templates.popup,className:"api-popup-

dialog", selectors: {content:".api-popup-content", main: "#swagger-ui-

container"},initialize:function(){this.\$el.html(this.template(this.model))},render:function(){return

 $(),this\},showPopup:function(){this.$el.show()},cancelClick:function(){this.remove()}}),SwaggerUi.Views.Resourc eView=Backbone.View.extend({initialize:function(e){e=e||{}},this.router=e.router,this.auths=e.auths,""===this.mod el.description&&(this.model.description=null),this.model.description&&(this.model.summary=this.model.description n),this.number=0},render:function(){var e={};$(this.el).html(Handlebars.templates.resource(this.model));for(var t=0;t<this.model.operationsArray.length;t++){for(var t=0;t<this.model.operationsArray.length;t++)}}$ 

n=this.model.operationsArray[t],r=0,i=n.nickname;"undefined"!=typeof

 $e[i];)i=i+"\_"+r,r+=1; e[i]=n,n.nickname=i,n.parentId=this.model.id,n.definitions=this.model.definitions,this.addOperation(n) \label{eq:ei} reference of the second secon$ 

 $(".toggleEndpointList",this.el).click(this.callDocs.bind(this,"toggleEndpointListForResource")),$(".collapseResource",this.el).click(this.callDocs.bind(this,"collapseOperationsForResource")),$(".expandResource",this.el).click(this.callDocs.bind(this,"collapseOperationsForResource")),$(".expandResource",this.el).click(this.callDocs.bind(this,"collapseOperationsForResource")),$(".expandResource",this.el).click(this.callDocs.bind(this,"collapseOperationsForResource")),$(".expandResource",this.el).click(this.callDocs.bind(this,"collapseOperationsForResource")),$(".expandResource",this.el).click(this.callDocs.bind(this,"collapseOperationsForResource")),$(".expandResource",this.el).click(this.callDocs.bind(this,"collapseOperationsForResource")),this},addOperation:function(e){e.number=this.number;vart=new}$ 

 $SwaggerUi.Views.OperationView(\{model:e,router:this.router,tagName:"li",className:"endpoint",swaggerOptions:this.options.swaggerOptions,auths:this.auths}); $(".endpoints", $(this.el)).append(t.render().el), this.number++}, callDocs:function(e,t){t.preventDefault(),Docs[e](t.currentTarget.getAttribute("data-$ 

id"))}}),SwaggerUi.Views.ResponseContentTypeView=Backbone.View.extend({initialize:function(){},render:function(){return

 $this.model.responseContentTypeId="rct"+Math.random(), $(this.el).html(Handlebars.templates.response_content_type(this.model)), this}), $SwaggerUi.Views.SignatureView=Backbone.View.extend({events:{"click a.description-click}}), $this and the state of the state of$ 

 $link": "switchToDescription", "click\ a.snippet-link": "switchToSnippet", "mousedown$ 

 $.snippet\_json":"jsonSnippetMouseDown", "mousedown", "mo$ 

 $.snippet\_xml":"xmlSnippetMouseDown" \}, initialize: function() \{ \}, render: function() \{ return a state of the state of t$ 

 $\label{eq:constraint} $$ (this.el).html(Handlebars.templates.signature(this.model)), "model"===this.model.defaultRendering?this.switchTo Description():this.switchToSnippet(),this}, switchToDescription:function(e){e&&e.preventDefault(),$(".snippet",$(this.el)).hide(),$(".description",$(this.el)).show(),$(".description-link",$(this.el)).addClass("selected"),$(".snippet-link",$(this.el)).removeClass("selected")}, switchToSnippet:function(e){e&&e.preventDefault(),$(".snippet",$(this.el)).show(),$(".description",$(this.el)).hide(),$(".snippet-link",$(this.el)).addClass("selected"),$(".snippet",$(this.el)).show(),$(".description",$(this.el)).hide(),$(".snippet-link",$(this.el)).addClass("selected"),$(".description-link",$(this.el)).hide(),$(".snippet-link",$(this.el)).addClass("selected"),$(".description-link",$(this.el)).hide(),$(".snippet-link",$(this.el)).addClass("selected"),$(".description-link",$(this.el)).hide(),$(".description-link",$(this.el)).addClass("selected"),$(".description-link",$(this.el)).hide(),$(".snippet-link",$(this.el)).addClass("selected"),$(".description-link",$(this.el)).hide(),$(".snippet-link",$(this.el)).addClass("selected"),$(".description-link",$(this.el)).hide(),$(".snippet-link",$(this.el)).addClass("selected"),$(".description-link",$(this.el)).hide(),$(".description-link",$(this.el)).hide(),$(".description-link",$(this.el)).hide(),$(".description-link",$(this.el)).hide(),$(".description-link",$(this.el)).hide(),$(".description-link",$(this.el)).hide(),$(".description-link",$(this.el)).hide(),$(".description-link",$(this.el)).hide(),$(".description-link",$(this.el)).hide(),$(".description-link",$(this.el)).hide(),$(".description-link",$(this.el)).hide(),$(".description-link",$(this.el)).hide(),$(".description-link",$(this.el)).hide(),$(".description-link",$(this.el)).hide(),$(".description-link",$(this.el)).hide(),$(".description-link",$(this.el)).hide(),$(".description-link",$(this.el)).hide(),$(".description-link",$(this.el)).hide(),$(".description-link",$(this.el)).hide(),$(".des$ 

 $t=\$("textarea",\$(this.el.parentNode.parentNode.parentNode));""!==\$.trim(t.val())\&\&t.prop("placeholder")!==t.val()||(t.val(e),this.model.jsonEditor&&this.model.jsonEditor.isEnabled()&&this.model.jsonEditor.setValue(JSON.parse(this.model.sampleJSON)))},jsonSnippetMouseDown:function(e){this.model.isParam&&(e&&e.preventDefault(),this.snippetToTextArea(this.model.sampleJSON))},xmlSnippetMouseDown:function(e){this.model.isParam&&(e&&e.preventDefault(),this.preventDefault(),this.snippetToTextArea(this.model.sampleJSON))},xmlSnippetMouseDown:function(e){this.model.isParam&&(e&&e.preventDefault(),this.snippetToTextArea(this.model.sampleXML))}),SwaggerUi.Views.StatusCodeView=Backbone.View.extend({initialize:function(e){this.options=e}||{},this.router=this.options.router},render:function(){vare,t,n=this.router.api.models[this.model.responseModel];return}$ 

 $(this.el).html(Handlebars.templates.status_code(this.model)),e=this.router.api.models.hasOwnProperty(this.model.r esponseModel)?{$ 

sample JSON: JSON. string if y (Swagger Ui. partials. signature. create JSONS ample (n), void the string of the

0,2),sampleXML:!!this.model.isXML&&SwaggerUi.partials.signature.createXMLSample("",this.model.schema,this .router.api.models),isParam:!1,signature:SwaggerUi.partials.signature.getModelSignature(this.model.responseModel ,n,this.router.api.models),defaultRendering:this.model.defaultRendering}:{signature:SwaggerUi.partials.signature.g etPrimitiveSignature(this.model.schema)},t=new

SwaggerUi.Views.SignatureView({model:e,tagName:"div"}),\$(".model-

signature",this.\$el).append(t.render().el),this}})).call(this);

Found in path(s):

\*/opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/resources/com/cpjit/swagger4j/support/internal/statics/swagger-ui.min.js

No license file was found, but licenses were detected in source scan. /\* \* Copyright 2011-2017 CPJIT Group. \* \* Licensed under the Apache License, Version 2.0 (the "License"); \* you may not use this file except in compliance with the License. \* You may obtain a copy of the License at \* http://www.apache.org/licenses/LICENSE-2.0 \* Unless required by applicable law or agreed to in writing, software \* distributed under the License is distributed on an "AS IS" BASIS, \* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. \* See the License for the specific language governing permissions and \* limitations under the License. \*/ Found in path(s): \*/opt/cola/permits/1101969051 1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/APIDocInfo.java \* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/util/ResourceUtil.java \*/opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/annotation/Items.java \*/opt/cola/permits/1101969051 1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/annotation/Definition.java \*/opt/cola/permits/1101969051 1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/annotation/Attribute.java \* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/support/springmvc/ApiController.java \* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/support/internal/templates/package-info.java \*/opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/APIParseable.java \*/opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/support/internal/DefaultApiViewWriter.java \*/opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/annotation/APISchemas.java \*/opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/support/internal/Struts2ApiViewWriter.java \*/opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/support/internal/FileTypeMap.java \*/opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/annotation/APISchemaPropertie.java \* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/support/struts2/package-info.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/support/Constants.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/support/package-info.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/support/internal/ApiViewWriter.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/annotation/APISchema.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/annotation/Item.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/NoStoreableAPIParser.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/package-info.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/support/struts2/ApiAction.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/APIDoc.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/support/springmvc/package-info.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/annotation/API.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/support/internal/templates/FreemarkerUtils.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/annotation/APIs.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/annotation/package-info.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/annotation/APITag.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/License.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/annotation/DataType.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/Path.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/annotation/Param.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/support/servlet/package-info.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/util/ReflectUtils.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/annotation/APITags.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/support/servlet/ApiServlet.java

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/Tag.java

No license file was found, but licenses were detected in source scan.

```
/*
* Copyright 2011-2017 CPJIT Group.
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
*
    http://www.apache.org/licenses/LICENSE-2.0
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
Found in path(s):
*/opt/cola/permits/1101969051 1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-
16342fb/src/main/java/com/cpjit/swagger4j/ConfigResolver.java
* /opt/cola/permits/1101969051_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-
16342fb/src/main/java/com/cpjit/swagger4j/DefaultConfigResolver.java
```

\* /opt/cola/permits/1101969051\_1603400737.63/0/cpjit-swagger-v2-1-4-0-g71c6fdf-tar-gz/cpjit-swagger-16342fb/src/main/java/com/cpjit/swagger4j/APIParser.java

# 1.59 jacoco-report 0.8.5

### 1.59.1 Available under license :

Found license 'Eclipse Public License 1.0' in 'This program and the accompanying materials are made available under the terms of the Eclipse Public License 2.0 which is available at'

Found license 'Eclipse Public License 1.0' in 'under the terms and conditions of the Eclipse Public License Version 2.0'

## 1.60 libffi 3.2.1

### 1.60.1 Available under license :

libffi - Copyright (c) 1996-2014 Anthony Green, Red Hat, Inc and others. See source files for details.

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ``AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

## 1.61 annotations 3.0.1

## 1.62 h2 1.4.197

# 1.63 vertx-sql-client 4.0.2

### 1.63.1 Available under license :

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution

notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

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

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing

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

#### END OF TERMS AND CONDITIONS

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

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

Copyright {yyyy} {name of copyright owner}

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

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

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

### **1.64 swagger-parser-core 2.0.21** 1.64.1 Available under license :

Apache License

Version 2.0, January 2004

http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

### 1. Definitions.

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

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form. 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and You must cause any modified files to carry prominent notices stating that You changed the files; and You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License. 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

## **1.65 vertx-config 4.0.2** 1.65.1 Available under license :

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,

including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual,

worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf

of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

### **1.66 openssi 1.1.1g-r0** 1.66.1 Available under license :

#### LICENSE ISSUES

\_\_\_\_\_

The OpenSSL toolkit stays under a double license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit. See below for the actual license texts.

**OpenSSL** License

-----

\* Copyright (c) 1998-2019 The OpenSSL Project. All rights reserved.

\*

\* Redistribution and use in source and binary forms, with or without

\* modification, are permitted provided that the following conditions
 \* are met:

\*

- \* 1. Redistributions of source code must retain the above copyright
- \* notice, this list of conditions and the following disclaimer.

\*

- \* 2. Redistributions in binary form must reproduce the above copyright
- \* notice, this list of conditions and the following disclaimer in
- \* the documentation and/or other materials provided with the
- \* distribution.

\*

- \* 3. All advertising materials mentioning features or use of this
- \* software must display the following acknowledgment:
- \* "This product includes software developed by the OpenSSL Project
- \* for use in the OpenSSL Toolkit. (http://www.openssl.org/)"

\*

- \* 4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to
- \* endorse or promote products derived from this software without
- \* prior written permission. For written permission, please contact
- \* openssl-core@openssl.org.
- \*
- \* 5. Products derived from this software may not be called "OpenSSL"
- \* nor may "OpenSSL" appear in their names without prior written
- \* permission of the OpenSSL Project.

\*

- \* 6. Redistributions of any form whatsoever must retain the following
- \* acknowledgment:
- \* "This product includes software developed by the OpenSSL Project
- \* for use in the OpenSSL Toolkit (http://www.openssl.org/)"

\*

- \* THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS" AND ANY
- \* EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
- \* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
- \* PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR
- \* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
- \* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
- \* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
- \* LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
- \* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
- \* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
- \* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
- \* OF THE POSSIBILITY OF SUCH DAMAGE.
- \*

\* This product includes cryptographic software written by Eric Young

\* (eay@cryptsoft.com). This product includes software written by Tim

\* Hudson (tjh@cryptsoft.com).

\*/

Original SSLeay License

#### -----

- /\* Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)
- \* All rights reserved.
- \*
- \* This package is an SSL implementation written
- \* by Eric Young (eay@cryptsoft.com).
- \* The implementation was written so as to conform with Netscapes SSL.
- \*
- \* This library is free for commercial and non-commercial use as long as
- \* the following conditions are aheared to. The following conditions
- \* apply to all code found in this distribution, be it the RC4, RSA,
- \* lhash, DES, etc., code; not just the SSL code. The SSL documentation
- \* included with this distribution is covered by the same copyright terms
- \* except that the holder is Tim Hudson (tjh@cryptsoft.com).
- \*
- \* Copyright remains Eric Young's, and as such any Copyright notices in
- \* the code are not to be removed.
- \* If this package is used in a product, Eric Young should be given attribution
- \* as the author of the parts of the library used.
- \* This can be in the form of a textual message at program startup or
- \* in documentation (online or textual) provided with the package.
- \* Redistribution and use in source and binary forms, with or without
- \* modification, are permitted provided that the following conditions

\* are met:

- \* 1. Redistributions of source code must retain the copyright
- \* notice, this list of conditions and the following disclaimer.
- \* 2. Redistributions in binary form must reproduce the above copyright
- \* notice, this list of conditions and the following disclaimer in the
- \* documentation and/or other materials provided with the distribution.
- \* 3. All advertising materials mentioning features or use of this software
- \* must display the following acknowledgement:
- \* "This product includes cryptographic software written by
- \* Eric Young (eay@cryptsoft.com)"
- \* The word 'cryptographic' can be left out if the rouines from the library
- \* being used are not cryptographic related :-).
- \* 4. If you include any Windows specific code (or a derivative thereof) from
- \* the apps directory (application code) you must include an acknowledgement:
- "This product includes software written by Tim Hudson (tjh@cryptsoft.com)"
   \*

\* THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS" AND

\* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
\* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
\* ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
\* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
\* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
\* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
\* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
\* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
\* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
\* SUCH DAMAGE.

\* The licence and distribution terms for any publically available version or

\* derivative of this code cannot be changed. i.e. this code cannot simply be

\* copied and put under another distribution licence

\* [including the GNU Public Licence.]

\*/

GNU GENERAL PUBLIC LICENSE Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc. 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it. For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

#### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's

source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program. In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readablesource code, which must be distributed under the terms of Sections1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License.

However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR

REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.> Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) 19yy name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details. The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program 'Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989 Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

The "Artistic License"

#### Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

#### Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version. b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTIBILITY AND FITNESS FOR A PARTICULAR PURPOSE.

The End

## 1.67 slf4j 1.8.0-beta4

### 1.67.1 Available under license :

No license file was found, but licenses were detected in source scan.

/\*\*

- \* Copyright (c) 2004-2011 QOS.ch
- \* All rights reserved.
- \*

\* Permission is hereby granted, free of charge, to any person obtaining

 $\ast$  a copy of this software and associated documentation files (the

\* "Software"), to deal in the Software without restriction, including

\* without limitation the rights to use, copy, modify, merge, publish,

\* distribute, sublicense, and/or sell copies of the Software, and to

\* permit persons to whom the Software is furnished to do so, subject to

\* the following conditions:

\*

\* The above copyright notice and this permission notice shall be

\* included in all copies or substantial portions of the Software.

\*

\* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,

\* EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF

\* MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND

\* NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE

\* LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION

\* OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION

\* WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*

\*/

Found in path(s):

\* /opt/cola/permits/1003991380\_1612162897.5/0/slf4j-log4j12-1-8-0-beta4-sourcesjar/org/slf4j/log4j12/Log4jMDCAdapter.java

\* /opt/cola/permits/1003991380\_1612162897.5/0/slf4j-log4j12-1-8-0-beta4-sources-jar/org/slf4j/log4j12/Log4jLoggerAdapter.java

\* /opt/cola/permits/1003991380\_1612162897.5/0/slf4j-log4j12-1-8-0-beta4-sourcesjar/org/slf4j/log4j12/Log4jLoggerFactory.java

## 1.68 spring-expression 4.3.26.RELEASE

### 1.68.1 Available under license :

No license file was found, but licenses were detected in source scan.

/\*

- \* Copyright 2002-2014 the original author or authors.
- \*
- \* Licensed under the Apache License, Version 2.0 (the "License");
- \* you may not use this file except in compliance with the License.
- \* You may obtain a copy of the License at
- \*
- \* https://www.apache.org/licenses/LICENSE-2.0
- \*
- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS,
- \* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
- \* See the License for the specific language governing permissions and
- \* limitations under the License.
- \*/

Found in path(s):

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/TypedValue.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/SpelCompilerMode.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/SpelNode.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/InlineList.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/Literal.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/CompiledExpression.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/support/StandardTypeLocator.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/VariableReference.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/OpLT.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/AstUtils.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/standard/SpelExpressionParser.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/OperatorPower.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-

jar/org/springframework/expression/spel/ast/OpGT.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/CompilablePropertyAccessor.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/support/ReflectiveConstructorResolver.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/RealLiteral.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/common/ExpressionUtils.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/support/ReflectiveConstructorExecutor.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/OpGE.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/OperatorBetween.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/QualifiedIdentifier.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/OperatorNot.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/OpOr.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/PropertyAccessor.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/support/StandardTypeComparator.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/OpLE.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/Identifier.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/standard/Token.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2019 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

- \* You may obtain a copy of the License at
- \*

https://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/ValueRef.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/support/ReflectivePropertyAccessor.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/InlineMap.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/CompoundExpression.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/Operator.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2020 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* https://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1jar/org/springframework/expression/spel/standard/SpelExpression.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2018 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* https://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/MethodReference.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/TypeCode.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/support/DataBindingPropertyAccessor.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/OperatorMatches.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/ConstructorReference.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/Assign.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/EvaluationContext.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/OpPlus.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/CodeFlow.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/OpEQ.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/StringLiteral.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/FormatHelper.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/standard/Tokenizer.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/FunctionReference.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/SpelMessage.java

 $* / opt/cola/permits/1142360464\_1615353956.28 / 0 / spring-expression-4-3-26 - release-sources-1-jar/org/springframework/expression/spel/support/DataBindingMethodResolver.java$ 

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/SpelEvaluationException.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1jar/org/springframework/expression/spel/support/StandardEvaluationContext.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/support/ReflectiveMethodResolver.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/support/SimpleEvaluationContext.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/Elvis.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/Indexer.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/SpelNodeImpl.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/BeanResolver.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/TypeReference.java

No license file was found, but licenses were detected in source scan.

#### /\*

\* Copyright 2002-2016 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* https://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/SpelParseException.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/FloatLiteral.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/EvaluationException.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/standard/TokenKind.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/BooleanLiteral.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/ExpressionException.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/OpNE.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/ParseException.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/IntLiteral.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/LongLiteral.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2012 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* https://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1jar/org/springframework/expression/spel/support/StandardOperatorOverloader.java
\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1jar/org/springframework/expression/spel/InternalParseException.java
No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2009 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* https://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1jar/org/springframework/expression/ExpressionParser.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2015 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

- \* You may obtain a copy of the License at
- \*
  - https://www.apache.org/licenses/LICENSE-2.0
- \*
- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS,
- \* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
- \* See the License for the specific language governing permissions and
- \* limitations under the License.
- \*/

Found in path(s):

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/OpDivide.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/OpMultiply.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/OpMinus.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/OpModulus.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/Selection.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2017 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

- \* You may obtain a copy of the License at
- \*

\* https://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/NullLiteral.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/common/LiteralExpression.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/support/ReflectionHelper.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-

jar/org/springframework/expression/spel/support/StandardTypeConverter.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/PropertyOrFieldReference.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/BeanReference.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/SpelParserConfiguration.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/OperatorOverloader.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/standard/SpelCompiler.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/support/ReflectiveMethodExecutor.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/OperatorInstanceof.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/standard/InternalSpelExpressionParser.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/OpDec.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/AccessException.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/OpAnd.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/Expression.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/common/CompositeStringExpression.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/common/TemplateAwareExpressionParser.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/Ternary.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/OpInc.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/ast/Projection.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1jar/org/springframework/expression/spel/ExpressionState.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2013 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* https://www.apache.org/licenses/LICENSE-2.0

\*

- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS,
- \* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
- \* See the License for the specific language governing permissions and
- \* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/ConstructorResolver.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/spel/support/BooleanTypedValue.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/ParserContext.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/Operation.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/MethodFilter.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/ExpressionInvocationTargetException.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/TypeConverter.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/TypeComparator.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/TypeLocator.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/ConstructorExecutor.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/common/TemplateParserContext.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/MethodExecutor.java

\* /opt/cola/permits/1142360464\_1615353956.28/0/spring-expression-4-3-26-release-sources-1-jar/org/springframework/expression/MethodResolver.java

## 1.69 jacoco-agent 0.8.5

### 1.69.1 Available under license :

Found license 'Eclipse Public License 1.0' in 'This program and the accompanying materials are made available under the terms of the Eclipse Public License 2.0 which is available at'

Found license 'Eclipse Public License 1.0' in 'under the terms and conditions of the Eclipse Public License Version 2.0'

## 1.70 xerces-j 2.12.1

### 1.70.1 Available under license :

== NOTICE file corresponding to section 4(d) of the Apache License, ==

== Version 2.0, in this case for the Apache Xalan Java distribution. ==

Apache Xalan (Xalan serializer) Copyright 1999-2006 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (http://www.apache.org/).

Portions of this software was originally based on the following:

- software copyright (c) 1999-2002, Lotus Development Corporation., http://www.lotus.com.
- software copyright (c) 2001-2002, Sun Microsystems.,
- http://www.sun.com.
- software copyright (c) 2003, IBM Corporation.,
- http://www.ibm.com.

Apache XML Commons Resolver Copyright 2006 The Apache Software Foundation.

This product includes software developed at The Apache Software Foundation http://www.apache.org/

Portions of this code are derived from classes placed in the public domain by Arbortext on 10 Apr 2000. See: http://www.arbortext.com/customer\_support/updates\_and\_technical\_notes/catalogs/docs/README.htm

> Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual,

worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents

of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and

limitations under the License.

== NOTICE file corresponding to section 4(d) of the Apache License, ==

== Version 2.0, in this case for the Apache Xerces Java distribution. ==

Apache Xerces Java Copyright 1999-2020 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (http://www.apache.org/). Portions of this software were originally based on the following:

- software copyright (c) 1999, IBM Corporation., http://www.ibm.com.
- software copyright (c) 1999, Sun Microsystems., http://www.sun.com.
- voluntary contributions made by Paul Eng on behalf of the

Apache Software Foundation that were originally developed at iClick, Inc., software copyright (c) 1999. Apache License

Version 2.0, January 2004 http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the

Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

# 1.71 vertx-ignite 4.0.2

**1.71.1 Available under license :** 

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable

(except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and

may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify,

defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

## END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

## **1.72 json-schema-validator 1.0.43** 1.72.1 Available under license :

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

## 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License. "Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution." "Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not

pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

## END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Json-schema-validator

\_\_\_\_\_

Copyright (c) 2019 Network New Technologies Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Third Party Dependencies

This project includes or depends on code from third party projects.

The following are attribution notices from dependencies:

-----

Undertow

-----

JBoss, Home of Professional Open Source. Copyright 2014 Red Hat, Inc., and individual contributors as indicated by the @author tags.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----

Jackson

This copy of Jackson JSON processor streaming parser/generator is licensed under the

Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivate works.

You may obtain a copy of the License at:

http://www.apache.org/licenses/LICENSE-2.0

-----

SLF4J

Copyright (c) 2004-2017 QOS.ch All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

https://www.slf4j.org/license.html

-----

Commons-lang3

-----

Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership. The ASF licenses this file to You under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----

Logback

Logback: the reliable, generic, fast and flexible logging framework. Copyright (C) 1999-2015, QOS.ch. All rights reserved.

This program and the accompanying materials are dual-licensed under either the terms of the Eclipse Public License v1.0 as published by the Eclipse Foundation

or (per the licensee's choosing)

under the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation.

# 1.73 jzlib 1.1.3

## 1.73.1 Available under license :

BSD http://www.jcraft.com/jzlib/LICENSE.txt

## **1.74 ignite-slf4j 2.9.1** 1.74.1 Available under license :

## 

// List of ignite-slf4j module's dependencies provided as a part of this distribution.

// -----

For SLF4J API Module (http://www.slf4j.org) org.slf4j:slf4j-api:jar:1.7.7

This product bundles SLF4J API Module which is available under the following:

MIT License. For details, see http://www.opensource.org/licenses/mit-license.php.

For ignite-core (http://ignite.apache.org) org.apache.ignite:ignite-core:jar:2.9.1

This product bundles ignite-core which is available under the following:

The Apache Software License, Version 2.0. For details, see http://www.apache.org/licenses/LICENSE-2.0.txt.

## ignite-slf4j

Copyright 2020 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (http://www.apache.org/).

> Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

## TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

## 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object

form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

## END OF TERMS AND CONDITIONS

#### APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

# **1.75 vertx-bridge-common 4.0.2** 1.75.1 Available under license :

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

## TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License. "Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of

this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only

on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

## END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

## 1.76 giflib 5.2.1

## 1.76.1 Available under license :

The GIFLIB distribution is Copyright (c) 1997 Eric S. Raymond

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

# 1.77 vertx-service-factory 4.0.2

## 1.77.1 Available under license :

No license file was found, but licenses were detected in source scan.

#### /\*

- \* Copyright 2014 Red Hat, Inc.
- \*
- \* All rights reserved. This program and the accompanying materials
- \* are made available under the terms of the Eclipse Public License v1.0
- \* and Apache License v2.0 which accompanies this distribution.
- \*
- \* The Eclipse Public License is available at
- \* http://www.eclipse.org/legal/epl-v10.html
- \*
- \* The Apache License v2.0 is available at
- \* http://www.opensource.org/licenses/apache2.0.php
- \*
- \* You may elect to redistribute this code under either of these licenses.
- \*/

Found in path(s):

\* /opt/cola/permits/1166659654\_1621461451.2/0/vertx-service-factory-4-0-2-sources-jar/examples/package-info.java

\* /opt/cola/permits/1166659654\_1621461451.2/0/vertx-service-factory-4-0-2-sources-

jar/io/vertx/service/ServiceVerticleFactory.java

\* /opt/cola/permits/1166659654\_1621461451.2/0/vertx-service-factory-4-0-2-sources-jar/examples/Examples.java

# 1.78 busybox 1.32.0-r2

## 1.78.1 Available under license :

bzip2 applet in busybox is based on lightly-modified source of bzip2 version 1.0.4. bzip2 source is distributed under the following conditions (copied verbatim from LICENSE file)

\_\_\_\_\_

This program, "bzip2", the associated library "libbzip2", and all documentation, are copyright (C) 1996-2006 Julian R Seward. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
- 3. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
- 4. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Julian Seward, Cambridge, UK. jseward@bzip.org bzip2/libbzip2 version 1.0.4 of 20 December 2006 --- A note on GPL versions

BusyBox is distributed under version 2 of the General Public License (included in its entirety, below). Version 2 is the only version of this license which this version of BusyBox (or modified versions derived from this one) may be distributed under.

GNU GENERAL PUBLIC LICENSE Version 2, June 1991 Copyright (C) 1989, 1991 Free Software Foundation, Inc.

51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software

patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

## GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in

whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readablesource code, which must be distributed under the terms of Sections1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program

specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

## END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.> Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program 'Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989 Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

# 1.79 alpine-keys 2.2-r0

# 1.80 jgrapht-core 1.1.0

## 1.80.1 Available under license :

Found license 'GNU Lesser General Public License' in 'This program and the accompanying materials are duallicensed under (a) the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation, or (at your option) any later version. (b) the terms of the Eclipse Public License v1.0 as published by // Compute the tree from scratch. Since we compute a new tree, the user is free to modify' Found license 'GNU Lesser General Public License' in 'This program and the accompanying materials are duallicensed under (a) the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation, or (at your option) any later version. (b) the terms of the Eclipse Public License v1.0 as published by'

Found license 'GNU Lesser General Public License' in 'This program and the accompanying materials are duallicensed under (a) the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation, or (at your option) any later version. (b) the terms of the Eclipse Public License v1.0 as published by This library generally follows the terminology found at:'

Found license 'Eclipse Public License 1.0' in 'This program and the accompanying materials are dual-licensed under (a) the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation, or (at your option) any later version. (b) the terms of the Eclipse Public License v1.0 as published by This could be improved in a later version.'

Found license 'Eclipse Public License 1.0' in 'This program and the accompanying materials are dual-licensed under (a) the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation, or (at your option) any later version. (b) the terms of the Eclipse Public License v1.0 as published by This library generally follows the terminology found at:'

Found license 'Eclipse Public License 1.0' in 'This program and the accompanying materials are dual-licensed under (a) the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation, or (at your option) any later version. (b) the terms of the Eclipse Public License v1.0 as published by'

Found license 'GNU Lesser General Public License' in 'This program and the accompanying materials are duallicensed under (a) the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation, or (at your option) any later version. (b) the terms of the Eclipse Public License v1.0 as published by This could be improved in a later version.'

Found license 'Eclipse Public License 1.0' in 'This program and the accompanying materials are dual-licensed under (a) the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation, or (at your option) any later version. (b) the terms of the Eclipse Public License v1.0 as published by // Compute the tree from scratch. Since we compute a new tree, the user is free to modify'

# 1.81 bouncy-castle 1.64

## 1.81.1 Available under license :

<html>

<body bgcolor=#ffffff>

Copyright (c) 2000-2019 The Legion of the Bouncy Castle Inc. (http://www.bouncycastle.org)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR

PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE

LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR

OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER

DEALINGS IN THE SOFTWARE.

```
</body>
```

</html>

<html>

<body bgcolor=#ffffff>

The following organisations and people have contributed to the Bouncy Castle Cryptography Package.

Thanks, may your castles never deflate!

Donors

The following people donated financially to help with the release of 1.63:

<br />

Joshua Hight

The following people donated financially to help with the release of 1.61:

<br />

Bihari Babu

The following people donated financially to help with the release of 1.60:

<br />

Jens Neuhalfen and perillamint.

The following people donated financially to help with the release of 1.59: <br /> Brian Reid. The following people and organisations donated financially to help with the release of 1.57: <br /> Joop Kaashoek and Pexus LLC. We also wish to acknowledge financial and collaborative support from <a href="https://www.cisco.com/">CISCO</a> and additional financial support from <a href="https://www.primekey.com/">PrimeKey</a> towards developing the EST API for RFC 7030 support. The following people and organisations donated financially to help with the release of 1.56: <br /> DidiSoft, Cotiviti, Atanas Krachev, Encryptomatic LLC, LogicalAnswersIncSupporter The following people and organisations donated financially to help with the release of 1.55: <br /> Digistamp, RAM NAG The following people and organisations donated financially to help with the release of 1.54: <br /> Lobster GmbH The following people and organisations donated financially to help with the release of 1.53: <br /> Sheba, Ishmal Bartley, and Li-Chang Johnny Lo The following people and organisations donated financially to help with the release of 1.52: <br /> lecker&#064buetterchen.de, Charles Proxy, Gunny Mills, Morgan Le Douget, Ben Whitaker, and Emilio Navarrete Lineros. The following people and organisations donated financially to help with the release of 1.51: <br /> Gup & Boz @ Alki Seattle, Bytemine Gmbh, Ted Pennings, Atanas Krachev, PrimeKey Solutions AB, Martin Paljak, CorseraFri19980116, CPU Terminator, Lindsay Bradford, kares, Philius, and Aaron Anderson. 

#### Organisations

Holders of <a href="https://www.cryptoworkshop.com">Crypto Workshop Support Contracts</a>. Without the consulting time left over from support contracts being contributed back to working on the Bouncy Castle APIs, progress would be impossible. You know who you are!

<a href="http://www.atlassian.com/">Atlassian Software Systems</a> donation of Confluence and JIRA licences.

<a href="http://www.grierforensics.com/">Grier Forensics</a>, for collaborating in the development of the S/MIME Toolkit and DANE SMIMEA functionality.

TU-Darmstadt, Computer Science Department, RBG, for the initial

lightweight client side TLS implementation, which is based on MicroTLS and for help with qTESLA

implementation. MicroTLS was developed by Erik Tews under the supervision of Dipl.-Ing. Henning Baer and Prof. Max Muehlhaeuser. qTESLA assistance was provided by Nina Bindel and Yinhua Xu.

TU-Darmstadt, Computer Science Department, RBG, for the initial

Post Quantum provider, which was based on the FlexiProvider. The FlexiProvider was developed

by the Theoretical Computer Science Research Group at TU-Darmstadt, Computer Science Department, RBG under the supervision of Prof. Dr. Johannes Buchmann. More information on the history of FlexiProvider can be found at: <a href="http://www.flexiprovider.de/">http://www.flexiprovider.de/</a>

Voxeo Labs - sponsorship of the initial development of APIs for DTLS 1.0 (RFC 4347), DTLS-SRTP key negotiation (RFC 5764),

and server side TLS 1.1 (RFC 4346) and tested WebRTC compatibility. More information on Voxeo Labs can be found at <a href="http://voxeolabs.com">http://voxeolabs.com</a>

<a href="https://www.coreinfrastructure.org/">Core Infrastructure Initiative</a> - financial support towards developing the TLS API and JSSE provider that appeared in 1.56.

Additional CertPath testing and validation data from the CertPath testing tool developed by <a/li>

href="https://www.cryptosource.de">cryptosource GmbH</a> and <a href="https://www.mtg.de">media Transfer AG</a> both located in Darmstadt, Germany.

<a href="https://www.microfocus.com/">Micro Focus</a> - additional support towards further developing the TLS/DTLS API and the BCJSSE provider.

People

Tito Pena <Fortunato.Pena&#064;AdNovum.CH&gt; - initial RC5 implementation

Michael Lee <yfl&#064;mira.net&gt; - initial RC6 implementation, MD2 implementation

Nuno Santos <nsantos&#064;student.dei.uc.pt&gt; - finding toString bug in certificate object.

Brett Sealey <bretts&#064;mortbay.com&gt; - fixing the missing return problem in JDKKeyFactory (affected SSLeay private keys).

Victor A. Salaman <salaman&#064;teknos.com&gt; - fixing the bug in Cipher.java which caused it to ignore specified providers, fixing the bug in RSAKeyGenerator which caused keys to be occasionally produced 1 bit too small.

Eran Librach <eranl&#064;valicert.com&gt; - spotting and fixing the classLoader bug that occurs if javax.crypto and the provider aren't sharing the same classpath (occurs in JDK 1.3 and greater).

Jonathan Knudsen <jonathan&#064;LearningPatterns.com&gt; - porting information and restrictions when using the lightweight library with the MIDP environment. Markus Niedermann <markus.niedermann&#064;softwired-inc.com&gt; - porting information and restrictions when using the lightweight library with the MIDP environment. Mike Benham <moxie&#064;thoughtcrime.org&gt; - detection and fixing of an incorrect weak key in the DES key generation support classes. Suggestions for simplifying DESedeParameter objects. Optimisations for the Blowfish engine and BufferedBlockCipher class. Soren Hilmer <hilmer&#064;mail.tele.dk&gt; - initial implementation of netscape certificate request classes. Uwe Guenther <uwe&#064;cscc.de&gt; - detection and fixing of 3 incorrect semi-weak keys in the DES key generation support classes. Markus Bradtke <mab&#064;informatik.uni-kiel.de&gt; - fixing of a logic error in the JDKKeyStore class. Waclaw Sierek <waclaw.sierek&#064;tpg.pl&gt; - fix to setOddParity in the DESParameter class. Assistance with adding ordering to X509 names for certificate generation, proper processing of byte strings in the ASN1 package, further simplifications and additional classes to improve pkcs7 support, bug fixes in CertPath API. Ly-Na Phu <lyna.phu&#064;init-consulting.de&gt; - assistance in the addition of ISO 9796-1 padding. Stefan Köpsell <sk13&#064;mail.inf.tu-dresden.de&gt; - making the jdk 1.1 version of the collections API available. For further details see <a href="http://sourceforge.net/projects/jcf/">http://sourceforge.net/projects/jcf/</a> Carmen Bastiaans <cbastiaa&#064;microbits.com.au&gt; - fixing the improper null pointer problem in the setting of certificates in the PKCS12 key store. Tomas Gustavsson <tomasg&#064;primekey.se&gt; - initial implementation of the AuthorityInformationAccess, SubjectKeyIdentifier, AuthorityKeyIdentifier, CRLNumber, CRLReason, CertificatePolicies, V2TBSCertListGenerator, and X509V2CRLGenerator classes in the ASN.1 library. Additions to GeneralName class, other bug fixes in the X.509 package. Initial implementation of the CertificationRequest classes. getRevocationReason() patch for OCSP. Patch to SemanticsInformation to prevent ClassCastException. Eugen Kuleshov <euxx&#064;hotmail.com&gt; - optimisations for Blowfish, assistance with PKCS12/keytool interoperability. Megan Woods <meganwoods&#064;sekurafile.com&gt; - initial implementation of ECIES. Christian Geuer-Pollmann <geuerp&#064;apache.org&gt; adding IV's to the AESWrap implementations. Initial implementation of DESedeWrap. Michael Mühle <michael&#064;mouling.de&gt; - contributing the initial CertPath implementation and compatibility classes, fixing provider bug in JDK 1.1 java.security.cert.CertificateFactory compatibility class. Michael Mansell <me&#064;michaelmansell.com&gt; - fixing the parsing of the empty DER set in the ASN.1 library. Eike Recker & lt; eike.recker & #064; gmx.de> - fixing misspelling of provider reference for RSA/1 and

RSA/2.

Chris Southern <CSouthern&#064;baltimore.com&gt; - fixing misuse of specified provider in the PKCS10 certification request class.

Sidney Markowitz <sidney&#064;sidney.com&gt; - fixing null pointed exception on unknown OID in X509Name class, initial implementation of the three AES engines.

Chris Kerr <ckerr&#064;filonet.ca&gt; - initial implementation of the cms,

asn1.cms, and the mail/smime packages,

assistance in simplifying the ASN.1 package, miscellaneous other optimisations,

NIST CertPath certification test, PKIXPolicyNode class, CertPath subtree validation and policy tree construction. We also

wish to acknowledge the generosity of Filonet

Corporation for allowing Chris to make the initial cms and mail/smime packages available to us.

Mike Bean <mbean&#064;lucentradius.com&gt; - fixing the fall through bug

in the IV algorithm parameters class.

Martin Petraschek <e9526225&#064;student.tuwien.ac.at&gt; - fixing ASN1

tagging so tag values up to 30 are now supported.

Jess Garms <jgarms&#064;yahoo.com&gt; - fixing 112/168 key size bug for

DESede key generation.

Mike Bremford <mike&#064;big.faceless.org&gt; - contributing the initial PKCS7 implementation.

Shankar Srinivasan <ssr002&#064;yahoo.com&gt; - S/Mime interoperability testing and debugging.

Stef Hoeben <ilsestef&#064;skynet.be&gt; - adding Montgomery multiplication to the BigInteger class.

Klaudiusz Ciosk <kciosk&#064;max.com.pl&gt; - improving the compatibility of

the SMIME package with the Sun JCE.

Thomas Houtekier <Thomas.Houtekier &#064;tectrade.net &gt; - S/Mime testing and debugging.

Interoperability with

Biztalk.

Don Hillsberry <hillsber&#064;dialcorp.com&gt; - S/Mime testing and debugging.

Kazuo Furuya <kfuruya&#064;infoteria.co.jp&gt; - fixing root certificate chaining bug in PKCS12 key store.

Jason Novotny <jdnovotny&#064;lbl.gov&gt; - initial work on the openSSL PEM processing.

Joel Hockey <joel.hockey&#064;qsipayments.com&gt; - initial work on the openSSL PEM processing.John Steenbruggen &lt;JohnS&#064;geotrust.com&gt; - fixing CertificationRequestInfo to handle cert request info objects without attribute blocks.

Justin Chapweske <justin&#064;chapweske.com&gt; - ordering patch for Tiger message digest.

 $<\!\!li\!\!>\!\!John Serock \&lt;\!jserock \&\#064;\!hotmail.com \&gt; - fixing null pointer exception$ 

in constructor for ExtendedKeyUsage. Fixing of base OID bug in KeyPurposeId.

Compliance of KeyUsage extension return value with security API.

Sascha Weinreuter <Sascha.Weinreuter&#064;cit.de&gt; - fixed SMIME saveChanges() bug.

Andre Wehnert <aw5&#064;mail.inf.tu-dresden.de&gt; - fixing key schedule problem in RC5-64, fixing buffer cleaning issue in buffered block cipher.

Luigi Lo Iacono <lo\_iacono&#064;nue.et-inf.uni-siegen.de&gt; - adding SIC

mode to the blockciphers in the provider.

Tim Sakach <tsakach&#064;certivo.net&gt; - SMIME v2 compatibility patches.

Marcus Povey <mpovey&#064;brookes.ac.uk&gt; - adding the PGP mode to the lightweight API and the provider.

Sebastian Clauß <sc2&#064;inf.tu-dresden.de&gt; - adding randomness setting to the certificate and CRL generators.

Nicolas Bielza <nicolas.bielza&#064;alligacom.com&gt; - isolating the tagging bug in the ASN.1 library that was misrepresenting some ASN.1 constructed data types. Contributions to the streaming S/MIME classes.Casey Marshall <rsdio&#064;metastatic.org&gt; - fixing the clone problem with Macs in the clean room JCE. Rick Zeldes <rick.zeldes&#064;eds.com&gt; - initial code for CMS/SMIME CompressedData.Jarek Gawor &lt;gawor&#064;mcs.anl.gov&gt; - fixing ASN.1 sequence unpacking in BasicConstraints constructor.

Brett Neumeier <random&#064;rnd.cx&gt; - patch to OriginatorIdentifierOrKey object, improvements to encoders package, introduction of UrlBase64.

Graham Coles <graham.coles&#064;retail-logic.com&gt; - patch to isParityAdjusted in DESKeySpec.J&ouml;rn von Kattch&eacute;e &lt;J.Kattchee&#064;seeburger.de&gt; - patch to SMIMEGenerator for preventing class cast exceptions with BodyParts containing Multipart objects.

Matteo Artuso <matartuso&#064;libero.it&gt; - picking up the possible overead in ASN1InputStream.Julian Morrison &lt;julian&#064;extropy.demon.co.uk&gt; - spotting the slow down

in Diffie-Hellman key generation.

Elmar Sonnenschein <eso&#064;esomail.de&gt; - fix to long conversion in clean room SecureRandom.

Jörn Schwarze <JSchwarze&#064;ulc.de&gt; - Locale fix for the clean room JCE.

Bryan Lovquist <bkl&#064;cps.com.au&gt; - Other provider compatibility fixes for CMS signing.Artem Portnoy &lt;Artem\_Portnoy&#064;ibi.com&gt; - generalisations for CMSProcessableBodyPart in S/MIME. Header fix for mime messages.

Michael Häusler <haeusler&#064ponton-consulting.de&gt; - missing OID update for SHA1 with RSA Signature.

Johan Seland <johans&#064netfonds.no&gt; - general toString for BigInteger class.

Johannes Nicolai <johannes.nicolai&#064novosec.com&gt; - further enhancements to OCSP response generation, fix to CertificateID issuer.

Marc Doberva <marc.doberva&#064ilex-si.com&gt; - help in isolating the JSSE/BC RSA key issue.Jan Dvorak &lt;jan.dvorak&#064mathan.cz&gt; - initial implementation of the light weight Null block cipher.

Joe Cohen <jcohen&#064forumsys.com&gt; - converting the ArrayOutOfBoundsException in DERInputStream into what it should have been.

Chris Long<aclong&#064ece.cmu.edu&gt; - adding public key decoding to PEMReader.

Hes Siemelink<hes&#064izecom.com&gt; - findIssuer fix for CertPathBuilder, toMimeMessage converter for Mail API, getSize() fix for zero length messages in SMIMEMessage.

Stefan Puiu<stefanpuiuro&#064yahoo.com&gt; - initial implementation V3 policy mapping, policy qualifier objects in ASN.1 X.509 package.

Kaiser Yang <kaiseryang&#064;yahoo.com&gt; - Finding BigInteger loop problem in prime generation.Jiri Urbanec &lt;jiri.urbanec&#064logicacmg.com&gt; - patch to fix defect in DERBMPString.equals().Justin Kolb &lt;jkolb&#064pristx.com&gt; - patch to DSA signature generation in OpenPGP. Fix for the unexpected "Unexpected end of ZLIB input stream" exception.

Ralf Hauser <ralfhauser&#064gmx.ch&gt; - patch to exception handling in PublicKeyRing, PEMReader, 1.4 build script, X509 Certificate Factory, CertPathValidatorUtilities, fromAddress null check in SignedMailValidator, ReadOnceInputStream testing utility in MIME tests.

Michal Dvorak <M\_Dvorak&#064kb.cz&gt; - getNextUpdate patch for OCSP SingleResp.

Klaus Greve Fiorentini <Klaus&#064cpqd.com.br&gt; - array fix in PGP PublickKeyEncSessionPacket.Olivier Refalo &lt;Olivier\_Refalo&#064fpl.com&gt; - null pointer exception fix for JDK 1.3 CMSSignedData objects.

Mariusz Bandola <mariusz.bandola&#064cryptotech.com.pl&gt; - patch to DERGeneralizedTime. Compliance patch for OCSP TBSRequest class. Patch to X509Name for delaing with general objects in sequences.

Brien Oberstein <brien.oberstein&#064transacttools.net&gt; - patch to S2K algorithm in OpenPGP, initial PGP version 3 secret key support, initial PGP version 3 signature generation, RIPEMD160 addition to PGPUtil.

Ian Haywood <ian&#064haywood.bpa.nu&gt; - addition of getSignatureType to PGPSignature.Jonathan Edwards &lt;s34gull&#064mac.com&gt; - initial support for reading multiple rings from a PGP key file.

Andrew Thornton <andrew&#064caret.cam.ac.uk&gt; - patch for RSA PUBLIC KEY in PEMReader.Gregor Leander &lt;gl&#064bos-bremen.de&gt; - initial parsing of multiple sequence entries in an X.500 Name.

Antoon Bosselaers <Antoon.Bosselaers&#064esat.kuleuven.ac.be&gt; - help with RipeMD320 implementation.

Peter Sylvester <Peter.Sylvester&#064edelweb.fr&gt; - improvements to the ASN.1 BasicConstraints object.

Doug <ummmmm&#064myrealbox.com&gt; - addition of isEncryptionKey method to OpenPGP public keys.

Francois Staes <fstaes&#064netconsult.be&gt; - improvements to DEBitString, DERGeneralizedTime and initial implimentation of DERGeneralString, addition of settable signed object info to CMSSignedDataGenerator, patch to DH key agreement.

W.R. Dittmer <wdittmer&#064cs.vu.nl&gt; - patch to decoding of SignatureCreationTime in BCPG. Patch to PGPKeyPair to fix nullpointer exception.

Perez Paz Luis Alberto <laperez&#064banxico.org.mx&gt; - patch to use of BitString in X.500 name.James Wright &lt;James\_Wright&#064harte-hanks.com&gt; - patches for dealing with "odd" ArmoredInputStreams.

Jim Ford <jim&#064muirford.com&gt; - patch to PGPSecretKey to avoid null pointer exception on encoding secret keys, comments on KeyExpirationTime, getBitStrength for ElGamal keys. Signature creation time patch for newly created v4 signatures.

Michael Hausler <haeusler&#064ponton-consulting.de&gt; - extra aliases for provider.

Sai Pullabhotla <psai&#064linoma.com&gt; - fix to PGP compressed data generator to improve compression levels. Performance improvements for KeyBasedLargeFileProcessor.

Joseph Miller <joseph&#064digiweb.net.nz&gt; - addition of ZeroBytePadding.

Lars <xyz&#064sagemdenmark.dk&gt; - patch to explicit padded mode for CBC block cipher MAC.

Jeroen van Vianen <jeroen&#064vanvianen.nl&gt; - the Signed and Encrypted mail example.

Jun Sun <JSun&#064diversinet.com&gt; - patch to SecureRandom to work around problem in wtk 1.0.4 and wtk 2.1.

Petr Dukem <pdukem&#064email.cz&gt; - patch to CMSSignedDataGenerator to allow it to work with PKCS11 providers.

Filipe Silva <filipe.silva&#064wedoconsulting.com&gt; - patch to fix overead issue in BCPGInputStream.

Alpesh Parmar <alps&#064linuxmail.org&gt; - patch for class cast problem in

PGPPublicKey.getSignatures().

Jay Gengelbach <jgengelbach&#064webmethods.com&gt; - patch to fix isSigningKey in PGPSecretKey class, patch to hashedPackets in PGP signatureGenerator, initial cut for indefinite length output.

Doug <doug&#064tigerprivacy.com&gt; - public key ring patches for ElGamal Signatures, problem key ring data.

Matthew Mundy <mmundy1&#064umbc.edu&gt; - infinite loop prevention patch to

PKCS5S2ParametersGenerator.

Tom Cargill <cargill&#064profcon.com&gt; - spelling patch in provider.

Breitenstrom Christian <C.Breitenstrom&#064t-systems.com&gt; - compatibility patch to SignaturePacket, DetachedSignatureProcessor.

Zanotti Mirko <zanotti&#064cad.it&gt; - patch to ordered equality test for X509Name.

Nicola Scendoni <nscendoni&#064babelps.it&gt; - patch to add sorting to CertPath validation.

Bruce Gordon <bruce.gordon&#064savvis.net&gt; - patch to secret key creation encoding NullPointerException in OpenPGP, speed up for BCPGInputStream.

Miles Whiteley <Miles.Whiteley&#064savvis.net&gt; - "223" fix for BCPGInputStream new packets.Albert Moliner &lt;amoliner&#064evintia.com&gt; - initial TSP implementation.

Carlos Lozano <carlos&#064evintia.com&gt; - initial TSP implementation, patch to SignerInformation for supporting repeated signers, initial updates for supporting repeated attributes in CMS.

Javier Delgadillo <javi&#064javi.codewarp.org&gt; - initial Mozilla PublicKeyAndChallenge classes.Joni Hahkala &lt;joni.hahkala&#064cern.ch&gt; - initial implementations of VOMS Attribute Certificate Validation, IetfAttrSyntax, and ObjectDigestInfo. We also wish to thank the <a href="http://www.euegee.org">EGEE project</a> for making the work available.

Rolf Schillinger<rolf&#064sir-wum.de&gt; - initial implementation of Attribute Certificate generation.Sergey Bahtin &lt;Sergey\_Bahtin&#064yahoo.com&gt; - fix for recovering certificate aliases in BKS and UBER key stores. Initial implementations of GOST-28147, GOST-3410, EC GOST-3410, GOST OFB mode (GOFB) and GOST-3411.

Franck Leroy <Franck.Leroy&#064keynectis.com&gt; - ANS.1 set sorting. Contributions to TSP implementation. Test vectors for Bleichenbacher's forgery attack.

Atsuhiko Yamanaka <ymnk&#064jcraft.com&gt; - patch for improving use of Montgomery numbers in BigInteger library. Patch to use size of private exponent in DH parameters.

Nickolay Bolshackov <tyrex&#064reksoft.ru&gt; - patch for class cast exception in AuthorityInformationAccess class.

Soren Hilmer <soren.hilmer&#064tietoenator.com&gt; - patches for CertID with issuerSerial set in TSP implementation, additional compliance testing.

Steve Mitchell <mitchell&#064intertrust.com&gt; - patch for stateful path validator fix. Patch to allow BigInteger class to create negative numbers from byte arrays. Additions to allow different providers to be used for asymmetric/symmetric encryption in OpenPGP.

Optimisation to avoid redundant verification in path validator. Suggestion to use PKIXParameters.getSigProvider() correctly.

>Dirk Eisner <D.Eisner&#064seeburger.de&gt; - initial implementation of ISO 78164-4 padding.>Julien Pasquier &lt;julienpasquier&#064free.fr&gt; - initial implementation of attribute classes from RFC 3126. Fix to KEKIdentifier, OtherKeyAttribute parsing. Initial ContentHints class.

Matteo <matartuso&#064libero.it&gt; - sequence patch to ASN1Dump.

Andrew Paterson <andrew.paterson&#064burnsecs.com&gt; - patches to PGP tools, isRevoked method on PGPPublicKey.

Vladimir Molotkov <vladimir.n.molotkov&#064intel.com&gt; - extensive provider exception handling compliance testing.

Florin Kollan <adlocflo&#064web.de&gt; - fix to ElGamalKeyParameters equality testing.

Pavel Vassiliev <paulvas&#064gmail.com&gt; - Initial GOST28147Mac implementation.

Tom Pesman <tom&#064tnux.net&gt; - addition of DES-EDE encryption for RSAPrivate keys to PEMWriter.

Lukasz Kowalczyk <lukasz.b.kowalczyk&#064gmail.com&gt; - patch to fix parsing issue with OpenSSL PEM based certificate requests.

Arndt Hasch <Arndt.Hasch&#064maxence.de&gt; - additional fix for partial reading with new style PGP packets.

Fix Bernd (KCDP 11) <bernd.fix&#064credit-suisse.com&gt; - fix for 31 byte issue and exception throwing by Whirlpool.

David M. Lee <dmlee&#064Crossroads.com&gt; - code for add and remove secret key in the PGPSecretKeyRing class. Additions to S/MIME and CMS unit tests.

Mike Dillon <md5&#064embody.org&gt; - additional checks for PGP secret and public key construction, patches to copyWithNewPassword.

tu-vi cung <t2cung&#064hotmail.com&gt; - patch for out of bounds problem in getDecoderStream method.

Chris Schultz <cschultz&#064gmail.com&gt; - fix for InputStream constructor for X509V2AttributeCertificate.

David M. Lee <dmlee&#064Crossroads.com&gt; - implementation assistance with streaming CMS classes.

Joel Rees <rees&#064ddcom.co.jp&gt; - fix to correct getOID methods from returning same set on X.509 attribute certificates.

Francesc Sau <francesc.sau&#064partners.netfocus.es&gt; - micro fix for tsp Accuracy class.

Larry Bugbee <bugbee&#064mac.com&gt; - initial ECNR implementation.

Remi Blancher <Remi.Blancher&#064keynectis.com&gt; - Contributions to TSP implementation. Initial implementation of RFC 3739 and ICAO ASN.1 classes.

Brian O'Rourke <brianorourke&#064gmail.com&gt; - patch for signature creation time override in OpenPGP.

Andreas Schwier <andreas.schwier&#064cardcontact.de&gt; - initial implementation of ISO9797 MAC Algorithm 3, addition of DES-EDE 64 MAC to the provider, fix to EC point encoding, addition of EC and RSA-PSS OIDs to CMS, addition of AES-CMAC and DESede-CMAC to JCE provider.

David Josse <david.josse&#064transacttools.net&gt; - Patch for trailer function in version 2 signature packets.

Kishimoto Kazuhiko <kazu-k&#064hi-ho.ne.jp&gt; - RFC 3280 updates to policy processing in the CertPath validator. Additional test data not covered by NIST.

Lawrence Tan <lwrnctan&#064gmail.com&gt - Large field OID sample test data. Missing key types in JDKKeyFactory.

Carlos Valiente <superdupont&#064gmail.com&gt; - Addition of CRL writing to the PEMWriter class.Keyon AG, Martin Christinat, <a href="http://www.keyon.ch">http://www.keyon.ch</a> - fixing incorrect ASN.1 encoding of field elements in X9FieldElement class.

Olaf Keller, <olaf.keller.bc&#064bluewin.ch&gt; - initial implementation of the elliptic curves over binary fields F2m. Additional tests and modifications to elliptic curve support for both F2m and Fp. Performance improvements to F2m multiplication. Initial implementation of WNAF/WTNAF point multiplication. Improvement to k value generation in ECDSA.

Jörg Eichhorn <eichhorn&#064ponton-consulting.de&gt; - patch to fix EOF read on SharedFileInputStream, support for F2m compression.

Karsten Ohme <widerstand&#064t-online.de&gt; - initial check against for out of range data on non byte aligned RSA keys. Addition of equals/hashCode on ECCurve.Fp. Additional curve type support for Fp,

contributions to F2m compression. F2m decoding for ECPointUtil. Infinity fix and prime192v2 fix for Fp. Extra validation for RSA key creation. Fix to name typos for some OpenSSL key generators. RFC-1779 table, improved RFC 2253 compliance for X509Name. Additional constructor validation for X.509/ESS ASN.1 classes. Validation for Printable, IA5, and Numeric Strings. Fix for RFC 5280 NameConstraint checking for RDNs.

Support for surrogate pairs in DERUTF8String, DER UTF8 test. Additional X.509 name attributes for ISIS-MTT, RFC 3039, addition of indirect CRL support, initial X509 LDAP CertStore implementation, CertificatePair class, and X509CertificatePair class. Contributions to X509Store/Parser infrastructure and design.

CertPath support for implicit DSA parameters and a range of NameConstraints. Addition of support for V1 attribute certificates and attribute certificate path validation. Initial classes for ASN.1 ISIS-MTT support. Enhancements for improving compliance with the NIST CertPath tests.

Carlos Lozano Ruiz <carlos&#064tradise.com&gt; - patch for &lt;ctrl&gt;&lt;m&gt; only handling in CRLFOutputStream.

John Alfred Prufrock <j.a.prufrock&#064gmail.com&gt; - mods to GOST-3411 and MD2 to support ExtendedDigest.

Stefan Neusatz Guilhen <sneusatz&#064gmail.com&gt; - initial version of RoleSyntax, improvements to AttributeCertificateHolder and AttributeCertificateIssuer.

Marzio Lo Giudice <marzio.logiudice&#064gmail.com&gt; - fix to endianess in KDF2BytesGenerator, additional KDF2 tests.

Georg Lippold <georg.lippold&#064gmx.de&gt; - initial implementation of NaccacheStern cipher.Chris Viles &lt;chris\_viles&#064yahoo.com&gt; - fix to SignatureSubpacket critical bit setting.Pasi Eronen &lt;Pasi.Eronen&#064nokia.com&gt; - extra toString() support for ASN.1 library. Initial patch for large OID components.

Lijun Liao <https://github.com/xipki&gt; performance enhancements for SHA family of digests. Bug report and patch for blank line handling in ArmoredInputStream. Addition of getSignatureAlgorithmID to BasicOCSPResp. Reset fix for SM2 signatures, performance improvements for SHA-3. Clean up of CMP

EncryptedValueBuilder, additional functionality on PollReqContent. Bug fix for endianness issue in cSHAKE left encode method.

Maria Ivanova <maria.ivanova&#064gmail.com&gt; - support for tags > 30 in ASN.1 parsing.Armin H&auml;berling &lt;arminha&#064student.ethz.ch&gt; - first cut of internationalisation, initial PKIX validation classes.

Marius Schilder <mschilder &#064google.com&gt; - main set of test vectors for Bleichenbacher's forgery attack.

Xavier Le Vourch <xavier&#064brittanysoftware.com&gt; - general code clean ups.

Erik Tews <e\_tews&#064cdc.informatik.tu-darmstadt.de&gt; - initial threaded random seed generator, constant-time PKCS#1.5 decoding

Thomas Dixon <reikomusha&#064gmail.com&gt; - initial implementations of TEA/XTEA, Salsa20, ISAAC, and Noekeon. XTEA enhancements.

Frank Cornelis <info&#064frankcornelis.be&gt;- addition of crlAccessMethod in X509ObjectIdentifiers.

Rui Joaquim <rjoaquim&#064cc.isel.ipl.pt&gt; - initial implementation of RSA blinding for signatures.David Stacey &lt;DStacey&#064allantgroup.com&gt; - addition of trust packet checking on revocation signatures in PGPSecretKeyRing.

Martijn Brinkers <list&#064mitm.nl&gt; - better exception handling in CMS enveloping, "just in time" modifications for CRL and Sequence evaluation.

Julius Davies <juliusdavies&#064gmail.com&gt; - additional modes and algorithm support in PEMReader

Matthias <g&#064rtner.de&gt; - GnuPG compatibility changes for PBEFileProcessor.

Olga Käthler <olga.kaethler&#064hjp-consulting.com&gt; - initial implementation of TeleTrusT EC curves, additional ISO 9797 MACs, contributions to EAC OIDs, addition of EAC algorithms to CMS Signing.Germano Rizzo &lt;germano.rizzo&#064gmail.com&gt; - initial implementation of CMac, EAX, HC-128, and HC-256, optimisations for Salsa20.

Núria Marí <numaa&#064hotmail.com&gt; - patch for alternate data type recognition in CMSSignedDataParser.

Janis Schuller <js&#064tzi.de&gt; - addition of NotationData packets for OpenPGP.

Michael Samblanet <mike&#064samblanet.com&gt; - patches towards improved Sun/default provider support in CMS.

Mike StJohns <mstjohns&#064comcast.net&gt; - patches for supporting empty subject in X.509 certificate generation, noneWithECDSA, updates to KeyPurposeId.

Ramon Keller <ramon.keller&#064gmx.ch&gt; - patch to deal with null revocations return from other CRL in X509V2CRLGenerator.

Mark Nelson <mark&#064nbr.com&gt; - correction to excluded DN in name constraints processing for PKIX processing.

Eugene Golushkov <eugene\_gff&#064ukr.net&gt; - mask fix to single byte read in TlsInputStream.Julien Pasquier &lt;julienpasquier&#064free.fr&gt; - additional classes for supporting signature policy and signer certificates in the ASN.1 esf and ess libraries.

Peter Knopp <pknopp&#064mtg.de&gt; - fix for named curve recognition in ECGOST key generation.Jakub Gwozdz &lt;gwozdziu&#064rpg.pl&gt; - addition of getTsa() to TimeStampTokenInfo.

Bartosz Malkowski <bmalkow&#064tigase.org&gt; - initial implementation of VMPC cipher,

VMPCRandomGenerator, VMPCMac.

Tal Yacobi <tal.yacobi&#064octavian-tech.com&gt; - fix for issue in OpenPGP examples [#BJA-55].Massimiliano Ziccardi &lt;massimiliano.ziccardi&#064gmail.comt&gt; - support for counter signature reading in CMS API, update for multiple counter signature attributes, JCA compliance patch for PEM parsing in CertificateFactory.

Andrey Pavlenko <andrey.a.pavlenko&#064gmail.com&gt; - security manager patch for PKCS1Encoding property check.

J Ross Nicoll <jrn&#064jrn.me.uk&gt; - improved exception handling for getInstance() in ASN.1 library.

Matthew Stevenson <mavricknz&#064yahoo.com&gt; - patch to construtor for CRMF CertSequence.Gabriele Contini &lt;gcontini&#064hotpop.com&gt; - identified a bug in ASN.1 library with handling of unterminated NDEF's.

Roelof Naude <roelof.naude&#064epiuse.com&gt; - patch for TLS client to send empty client certs in response to HP\_CERTIFICATE\_REQUEST.

Patrick Peck <peck&#064signaturen.at&gt; - identified problem with DERApplicationSpecific and high tag numbers in ASN.1 library.

Michael LeMay <lemaymd&#064lemaymd.com&gt; - identified problem with EAX [#BJA-93].Alex Dupre &lt;ale&#064FreeBSD.org&gt; - fix to use of Signature rather than SignatureSpi in provider [#BJA-90]. Addition of null provider use to SignedPublicKeyAndChallenge and PKCS10CertificationRequest [#BJA-102]

Michael Schoene <michael&#064sigrid-und-michael.de&gt; - fix of improper handling of null in ExtendedPKIXParameters.setTrustedACIssuers(), check for V2 signingCertificate attribute in TimeStampResponse.validate().

Ion Larrañaga <ilarra&#064s21sec.com&gt; fix to default partial packet generation in BCPGOutputStream.

Bob Kerns <bob.kerns&#064positscience.com&gt; fix to hashCode for X509CertificateObject.Stefan Meyer &lt;stefan.meyer&#064ewe.de&gt; backport for PKIXCertPathValidotor and SMIMESignedMailReviewer.

Robert J. Moore <Robert.J.Moore&#064allanbank.com&gt; speedups for OpenPGPCFB mode, clean room JCE patches.

Rui Hodai <rui&#064po.ntts.co.jp&gt; speed ups for Camellia implementation, CamelliaLightEngine.Emir Bucalovic &lt;emir.bucalovic&#064mail.com&gt; initial implementation of Grain-v1 and Grain-128.Torbjorn Svensson &lt;tobbe79&#064gmail.com&gt; initial implementation of Grain-v1 and Grain-128.Paul FitzPatrick &lt;bouncycastle\_pfitz&#064fitzpatrick.cc&gt; error message fix to X509LDAPCertStoreSpi, comparison fix to BCStrictStyle.

Henrik Andersson <k.henrik.andersson&#064gmail.com&gt; addition of UniqueIssuerID to certificate generation.

Cagdas Cirit <cagdascirit&#064gmail.com&gt; subjectAlternativeName fix for x509CertStoreSelector.

Harakiri <harakiri\_23&#064yahoo.com&gt; datahandler patch for attached parts in SMIME signatures.Pedro Henriques &lt;pmahenriques&#064gmail.com&gt; explicit bounds checking for DESKeyGenerator, code simplification for OAEPEncoding.

Lothar Kimmeringer <job&#064kimmeringer.de&gt; verbose mode for ASN1Dump, support for DERExternal, DNS performance fix for S/MIME API.

Richard Farr <rfarr.se&#064gmail.com&gt; initial SRP-6a implementation.

Thomas Castiglione <castiglione&#064au.ibm.com&gt; patch to encoding for CRMF OptionalValidity.

Elisabetta Romani <eromani&#064sogei.it&gt; patch for recognising multiple counter signatures.

Robin Lundgren <r737lundgren&#064gmail.com&gt; CMPCertificate constructor from

 $X509 Certificate Structure \ fix.{<\!\!/}li{>}$ 

Petr Kadlec <mormegil&#064centrum.cz&gt; fix to sign extension key and IV problem in HC-128, HC-256.

Andreas Antener <antener\_a&#064gmx.ch&gt; fix to buffer reset in AsymmetricBufferedBlockCipher.Harendra Rawat &lt;hsrawat&#064yahoo.com&gt; fix for BERConstructedOctetString.

Rolf Lindemann <lindemann&#064trustcenter.de&gt; patch for PKCS12 key store to support more flexible attribute specifications [#BMA-42].

Alex Artamonov <alexart.home&#064gmail.com&gt; name look up patch for GOST-2001 parameters.Mike Lyons &lt;mlyons&#064layer7tech.com&gt; work arounds for EC JDK bug 6738532 and JSSE EC naming conventions.

Chris Cole <chris\_h\_cole&#064yahoo.com&gt; identified a problem handling null passwords when loading a BKS keystore.

Tomas Krivanek <tom&#064atack.cz&gt; added checking of Sender header to SignedMailValidator.Michael &lt;emfau&#064t-online.de&gt; correction of field error in getResponse method in

CertRepMessage.

Trevor Perrin <trevor&#064cryptography.com&gt; addition of constant time equals to avoid possible timing attacks.

Markus Kilås <markus&#064primekey.se&gt; several enhancements to

TimeStampResponseGenerator.

Dario Novakovic <darionis&#064yahoo.com&gt; fix for NPE when checking revocation reason on CRL without extensions.

Michael Smith <msmith&#064cbnco.com&gt; bug fixes and enhancements to the CMP and CRMF classes, initial Master List classes.

Andrea Zilio <andrea.zilio&#064gmail.com&gt; fix for PEM password encryption of private keys.Alex Birkett &lt;alex&#064birkett.co.uk&gt; added support for EC cipher suites in TLS client (RFC 4492) [#BJA-291].

Wayne Grant <waynedgrant&#064gmail.com&gt; additional OIDs for PCKS10 and certificate generation support.

Frank Cornelis <info&#064frankcornelis.be&gt; additional support classes for CAdES, enhancements to OCSP classes.

Jan Dittberner <jan&#064dittberner.info&gt; addHeader patch for SMIME generator.

Bob McGowan <boab.mcgoo&#064btinternet.com&gt; patch to support different object and mgf digests in PSS signing.

Ivo Matheis <i.matheis&#064seeburger.de&gt; fix to padding verification in ISO-9796-1.

Marco Sandrini <nessche&#064gmail.com&gt; patch to add IV to ISO9797Alg3Mac.

Alf Malf <alfilmalf&#064hotmail.com&gt; removal of unnecessary limit in CMSContentInfoParser.

Alfonso Massa <alfonso.massa&#064insiel.it&gt; contributions to CMS time stamp classes.

Giacomo Boccardo <gboccardo&#064unimaticaspa.it&gt; initial work on

CMSTimeStampedDataParser.

Arnis Tartu <arnis&#064ut.ee&gt; patches for dealing with OIDs with specific key sizes associated in CMS.

Janusz Sikociski <J.Sikocinski&#064gdzie.pl&gt; addition of Features subpacket support to OpenPGP API.

Juri Hudolejev <jhudolejev &#064gmail.com&gt; JavaDoc fix to CMSSignedDataParser.Liane Velten &lt;liane.velten &#064hjp-consulting.com&gt; fine tuning of code for DHParameters validation.

Shawn Willden <swillden&#064google.com&gt; additional functionality to PGPKeyRing.

Atanas Krachev <akrachev&#064gmail.com&gt; added support for revocation signatures in OpenPGP.

Mickael Laiking <mickael.laiking&#064keynectis.com&gt; initial cut of EAC classes.

Tim Buktu <tbuktu&#064hotmail.com&gt; Initial implementation of NTRU signing and encryption.Bernd &lt;rbernd&#064gmail.com&gt; Fix for open of PGP literal data stream with UTF-8 naming.

Steing Inge Morisbak <stein.inge.morisbak&#064BEKK.no&gt; Test code for lower case Hex data in PEM headers.

Andreas Schmid <andreas.schmid&#064tngtech.com&gt; Additional expiry time check in PGPPublicKeys.

Phil Steitz <phil.steitz&#064gmail.com&gt; Final patch eliminating JCE dependencies in the OpenPGP BC classes.

Ignat Korchagin <ignat.korchagin&#064gmail.com&gt; Initial implementation of DSTU-4145-2002, long hash fix for DSTU-4145-2002.

Petar Petrov <p.petrov&#064bers-soft.com&gt; Testing and debugging of UTF-8 OpenPGP passwords.Daniel Fitzpatrick &lt;daniel.f.nwr&#064gmail.com&gt; Initial implementation of ephemeral key support for IES, initial implementions of RSA-KEM and ECIES-KEM, initial implementation of homogeneous projective coordinates for EC.

Andy Neilson <Andy.Neilson&#064quest.com&gt;a further patches to deal with multiple providers and PEMReader.

Ted Shaw <xiao.xj&#064gmail.com&gt; patch to MiscPEMGenerator for handling new PKCS10CeriticationRequests.

Eleriseth <Eleriseth&#064WPECGLtYbVi8Rl6Y7Vzl2Lvd2EUVW99v3yNV3IWROG8.fms&gt; speed up for SIC/CTR mode. Provider compatibility generalisations for EC operations.

Kenny Root <kenny&#064the-b.org&gt; patch for issuerAltName, subjectAltName support in

 $X509 CertificateObject, BaseBlockCipher.getIV() \ patch \ for \ AEAD.<\!\!/li\!\!>$ 

Maarten Bodewes <maarten.bodewes&#064gmail.com&gt; initial implementation of HKDF and NIST SP 800-108 MAC based KDF functions.

Philip Clay <pilf\_b&#064gyahoo.com&gt; Initial implementation of J-PAKE.

Brian Carlstrom <bdc&#064carlstrom.com&gt; compliance patches for some JCA/JCE keystore and cipher classes, miscellaneous code quality improvements, intial provider PBKDF2WithHmacSHA1 SecretKeyFactory.

Samuel Lidén Borell <samuel&#064primekey.se&gt; patch to add DSTU-4145 to

DefaultSignatureAlgorithmFinder

Sergio Demian Lerner <sergiolerner&#064certimix.com&gt; pointing out isInfinity issue in ECDSASigner signature verification.

Tim Whittington <Tim.Whittington&#064orionhealth.com&gt; patch to remove extra init call in CMac, additional of Memoable interface for Digest classes, initial implementation of GMAC, further correctness tests for IV and reset processing in OCB, CCM, and block cipher reset. Initial implementation of Skein, XSalsa20, ChaCha, reduced round Salsa20, Threefish, and the Poly1305 MAC. Documentation updates. Added OCB support to Noekeon and CAST6 in the provider, exception testing for CTS, optimisations for CCM, provider support for AAD cipher methods, safe CipherInput/OutputStream implementations for use with AAD and subsequent bug fixes, cleanup after IDEA patent expiry, work on JCE SipHash support, optimisations for AESFastEngine, further work on EncodableDigest for SHA-2 digests, contributions to BCrypt/OpenBSDBCrypt, PGP API documentation and code quality work.

Marcus Lundblad <marcus.lundblad&#064primekey.se&gt; patch for working arnound JDK jarsigner TSP bug, optional setting of IssuerSerial in TimeStampTokenGenerator, additional extensions enhancement for time stamp token generation.

Andrey Zhozhin <zhozhin&#064xrm.ru&gt; patch for override of TSP SignerInfo attributes.Sergey Tiunov &lt;t5555d&#064gmail.com&gt; initial cut of DVCS classes.

Damian Kolasa <fatfredyy&#064gmail.com&gt; ASN1Sequence patch for class cast issue in X9Curve.

 $<\!\!li\!\!>\!\!Ash Hughes \&lt; ashley.hughes \&\#064 bluey on der.co.uk \&gt; patches for supporting$ 

PGPSecretKeyRing/PGPSecretKeys encodings with empty private keys, initial code for

 $PGPS ignature Subpacket Vector.get Embedded Signatures (). <\!\!/li\!\!>$ 

Daniel Hirscher <dev&#064daniel-hirscher.de&gt; patch to support parsing of explicit EC parameters in PEM files.

Daniele Ricci <daniele.athome&#064gmail.com&gt; initial implementation of EC keys for OpenpPGP and RFC6637 support.

Matti Aarnio <matti.aarnio&#064methics.fi&gt; tweaks to any build to remove dependence on shell scripts. Initial SM3 digest implementation, some EC related code cleanups, JavaDoc improvements for ASN.1 classes, addition of NONEwithRSA to lightweight RSADigestSigner.

Babak Najafi <bnajafi&#064akamai.com&gt; fixes to OpenPGP NotationData to prevent truncation problems.

Eric Müller <eric.mueller&#064sage.de&gt; additional standard algorithm name lookups in JcaPEMKeyConverter.

Mathias Herberts <Mathias.Herberts&#064gmail.com&gt; fix to inOff usage in RFC3394WrapEngine.Daniil Ivanov &lt;daniil.ivanov&#064gmail.com&gt; addition of provider support for GOST HMAC SecretKeyFactory.

Daniele Grasso <daniele.grasso86&#064gmail.com&gt; contributions to final Key calculation code for SRP6.

Andrey Utkin <cindrhc&#064gmail.com&gt; patch to reconstruction of ECGOST keys from PrivateKeyInfo objects in provider classes.

Arnis Tartu <arnis&#064ut.ee&gt; checker for generated key vs OID in

 $JceCMSContentEncryptorBuilder.{<\!/li}{}$ 

AxelVDB <axel-vdb&#064riseup.net&gt; initial implementation of Shacal2.

Roberto Tyley <&gt; further work on completing gradle build.

Waldemar Dick <wdick&#064devmue.de&gt; code improvement in x500 ASN.1 package.

Sid Steward <sid.steward&#064pdflabs.com&gt; code improvements to ASN1Boolean.

Alex Klyubin <klyubin&#064google.com&gt; AlgorithmParameters check for EC key agreement.Jonathan Gillett &lt;gsoc.student&#064gmail.com&gt; Initial support for block cipher IVs in IESEngine, IES MAC length check bug fix.

Andreas Reiter <andreas.reiter&#064iaik.tugraz.at&gt; Reported incomplete status of CertificateVerify processing in (D)TLS server, and provided fix.

Kieran Miller <kieran.miller&#064gmail.com&gt; initial implementation for RFC 5649 key wrap with padding.

Oliver Ehli<ehli&#064arago.de&gt; Additional support for BSI plain ECDSA in the provider.Daniel Heldt&lt;Daniel.Heldt&#064cryptovision.com&gt; Initial support for encodable state message digests

Robert Bushman <bouncycastle&#064traxel.com&gt; Clean up of DirectKeySignature example.Maurice Aarts&lt;aarts&#064riscure.com&gt; updated to KDF generator to follow NIST SP 800-108.

Franziskus Kiefer<https://github.com/franziskuskiefer&gt; initial implementation of Cramer-Shoup.KB Sriram&lt;mail\_kb&#064yahoo.com&gt; testing for odd encodings for PGP User Attribute Subpackets.

Marco Schulze<marco&#064nightlabs.de&gt; Reported verification bug in GenericSigner.

Martin Schaef<https://github.com/martinschaef&gt; contributed a code-cleanup patch.

dstutz<https://github.com/dstutz&gt; added iteration count setters to PKCS#12 PBE mac/key generator builders.

Tobias Wich<tobias.wich&#064ecsec.de&gt; Provided patch for TLS to work around servers sending Supported Elliptic Curves extension unexpectedly.

Hauke Mehrtens<hauke&#064hauke-m.de&gt; TLS patch to add ECDHE\_ECDSA CCM ciphersuites from RFC 7251.

Daniel Zimmerman<dmz&#064galois.com&gt; Further key quality improvements to RSAKeyPairGenerator.

Jens Kapitza&ltj.kapitza&#064schwarze-allianz.de> Iterable support in OpenPGP API, code cleanup in OpenPGP API.

Johan Eklund<johan&#064primekey.se&gt; update to RFC 6960 for OCSPObjectIdentifiers.

nikosn<https://github.com/nikosn&gt; Fix to encoding of EC private keys to ensure encoding matches order length.

Axel von dem Bruch <axel-vdb&#064riseup.net&gt; Contributions to BCrypt/OpenBSDBCrypt, original version of Blake2bDigest.

Derek Atkins <derek&#064ihtfp.com&gt; Documentation fixes to X9ObjectIdentifiers.

Peter Jr Halicky <peto&#064halicky.sk&gt; Correction to notification/error message handling in SignedMailValidator.

lartiguePierre<https://github.com/lartiguePierre&gt; Fix for counter signature SID in CMSSignedData.Thomas Belot&lt;thomas.belot+BC&#064gmail.com&gt; initial CertPathLoopTest for demonstrating stack overflow issue.

Rich DiCroce<https://github.com/rdicroce&gt; Initial implementation of server-side TLS-SRP support. TLS API extension to support non-blocking usage.

Björn Kautler<https://github.com/Vampire&gt; Refinements to cert path validation (authority key addition, certificate order preservation).

Dominik Schürmann<https://github.com/dschuermann&gt; method for returning

signatures/verifications without user IDs on PGPPublicKey, method for exposing S2K in PGPSecretKey, constants for GNU protection modes in S2K classes, optional version header for armored output.

Michael <MSKnete&#064web.de&gt; initial fix for bitStrength issue for OpenPGP EC keys, correction for generic type on RecipientInformationStore.

Tobias Wagner <tobias.wagner&#064n-design.de&gt; Fix SecureRandom handling in BcAsymmetricKeyWrapper [#BJA-536].

Sergio Giro <sgiro&#064google.com&gt; Fixed adding of additional stores from CRL distribution point [#BJA-537]. Fixed missing null check for CRL certificate issuer [#BJA-538], removal of risky zeroisation code in PBE.java, check for salt in PBEKeys that require it.

bschuette<https://github.com/bschuette&gt; Fixed typo in DefaultSignatureAlgorithmIdentifierFinder, additional methods on CMSSignedDataParser.

Leonard Dallot<https://github.com/dallotTazTag&gt; Fix to S2K usage of none on changing passwords on keys without passwords originally.

Jan Willem Janssen <j.w.janssen+bouncycastle&#064lxtreme.nl&gt; Support for DSAParameters in lightweight SubjectPublicKeyInfoFactory, initial object signer verifier for BC lightweight EC.

Sebastian Oerding <sebastian.oerding@robotron.de&gt; Fixes to toString() in x509.CertificatePolicies.Kai Kramer &lt;kai.kramer&#064gmail.com&gt; Code to deal with orphaned chain certificates in the PKCS#12

KeyStore.

Benoit Charles <benoit.charles #0640pentrust.com&gt; Fix for IES data length check on decryption.

Niko <nfink95&#064gmail.com&gt; fix to cast issue in getOutputSize() for ECIES.

akwizgran<https://github.com/akwizgran&gt; Fixed clone of key in Blake2bDgest copy constructor, blake2b reset issue for varient keys.

Matthias Edelhoff <Matthias.Edelhoff&#064cryptovision.com&gt; BasicConstraintsValidation pathlen fix in PKIX certpath classes.

Lukasz Deputat <lukasz.deputat&#064gmail.com&gt; Fixed bugs in TlsUtils read methods [#BJA-592].Justin Ludwig &lt;https://github.com/justinludwig&gt; Iterator fix for PGPObjectFactory to handle stream packets at start of iterated data.

André Berenguel <https://github.com/aberenguel&gt; Fix to include ECNamedCurveSpec in EC AlgorithmParameterSpi

Slawomir Jaranowski<https://github.com/slawekjaranowski&gt; Patch to make cipher/hash/signature name methods in PGP internal API public.

Andrey Vasilyev<https://github.com/andrey-vasilyev&gt; Initial implementation of GOST R 34.11-2012.

William Glanton <wglanton77&#064gmail.com&gt; Fixed bug in Poly1305 [#BJA-620].

dvorak001<https://github.com/jdvorak001&gt; Speed improvements for ASN.1 ObjectIdentifier cache.Joseph Naegele &lt;jnaegele&#064grierforensics.com&gt; Patch for handling multiple certificates in a DANE SMIMEA entry.

Andrew Bonventre<https://github.com/andybons&gt; NullPointer patch for WNafUtil.

The Google Security Team (Project Wycheproof) <https://github.com/google/wycheproof&gt; defect analysis and additional test cases for the provider.

Gorka Irazoqui <girazoki&#064wpi.edu&gt; from Intel Security Center of Excellence &lt;https://securitycenter.intel.com/> detection of the issue with AESFastEngine (CVE-2016-1000339), additional suggestions for improvement to hardening of AESEngine and finding cache sensitivities in EC key generation/signing.Joerg Senekowitsch <joerg.senekowitsch&#064veridos.com&gt; patch to deal with hard coded boolean in

EAC ECDSAPublicKey.

Alexandr Krivoshta <wipe&#064ya.ru&gt; N4 calculation fix to GOFB mode.

Artem Storozhuk <storojs72&#064gmail.com&gt; N4 calculation fix to GOFB mode.

Na Yu <na.yu&#064samsung.com&gt; Constructor patches to CMC PKIData.

Evangelos Karatsiolis <ekaratsiolis&#064mtg.de&gt; Corrected use of explicit tagging in X.509 PolicyConstraints class.

VivleSoren <https://github.com/VivleSoren&gt; additional constructor for

McElieceCCA2PrivateKeyParameters.

mtausig <https://github.com/mtausig&gt; JavaDoc fix for MCSEncryptedDataGenerator.

Anders Schack-Mulligen <https://github.com/aschackmull&gt; code cleanups for CMSSignedDataParser, BrokenKDF2BytesGenerator.

Sebastian Wolfgang Roland <sebastianwolfgang.roland&#064stud.tu-darmstadt.de&gt; Initial XMSS/XMSS-MT implementation.

didisoft <https://github.com/didisoft&gt; test code for PGP signature removal involving user ids.Mike Safonov&lt;https://github.com/MikeSafonov&gt; initial implementation of GOST3410-2012 for light weight provider and JCA, parameters patches for ECGOST keys, initial implementation of GOST3412-2015, addition of fromExtensions() for CRLDistPoint.

Artem Storozhuk <storojs72&#064gmail.com&gt; initial implementation of DSTU7564 (digest) and DSTU7624 (cipher) and their associated modes.

Andreas Glaser <andreas.glaser&#064gi-de.com&gt; patch to recognise ANSSI curves for PKCS#10 requests.

codeborne <https://github.com/cbxp&gt; patch to correct OIDs used in public key digest parameters for ECGOST-2012.

FauxFaux <https://github.com/FauxFaux&gt; patch for JDK 1.9 update to DRBG.java.4garbage &lt;https://github.com/4garbage&gt; patch to allow GOST3410-94 private keys encoded as integers.

ekszz <https://github.com/ekszz&gt; corrections to SM2 signer to include default identity value.jminer &lt;https://github.com/jminer&gt; fix to Blake2b for hashes in range of 2\*\*64-127 to 2\*\*64.str4d &lt;https://github.com/str4d&gt; initial implementation of Blake2s

Scott Woodward <scott&#064bit3consulting.com&gt; performance fixes for CTRSP800DRBG.David Strawn &lt;https://github.com/isomarcte&gt; fix for off by one error in SCRYPT bounds checking.chris mccown &lt;0xchrismccown&#064gmail.com&gt; identification of serialisation issue with XMSS/XMSSMT private keys (see also CVE-2018-1000613).

ZZMarquis <https://github.com/ZZMarquis&gt; offset patches for SM2 encryption and decryption, improvement to Array constant time comparison.

Andreas Kretschmer <https://github.com/Akretsch&gt; NPE fix for CertTemplate.getVersion()

Armin Lunkeit, Michael Tautenhahn <&gt; identification of M-R test issue on higher certainty values in RSA key pair generation.

Vincent Breitmoser <https://github.com/Valodim&gt; fix to ignore unnecessary checksum calculator on PGP secret key encryption.

Adam Vartanian <https://github.com/flooey&gt; use of ShortBuffer exception and buffer size pre-check in Cipher.doFinal().

Bernd <https://github.com/ecki&gt; Fix to make PGPUtil.pipeFileContents use buffer and not leak file handle.

Shartung <https://github.com/shartung&gt; Additional EC Key Agreement algorithms in support of German BSI TR-03111.

Paul Schaub <https://github.com/vanitasvitae&gt; bringing PGPSecretKey.getUserIds() into line with PGPPublicKey.getUserIds(). Exception message fix in BcPublicKeyDataDecryptorFactory. Additional tests on PGP key ring generation.

Nick of Nexxar <https://github.com/nros&gt; update to OpenPGP package to handle a broader range of EC curves.

catbref <https://github.com/catbref&gt; sample implementation of RFC 7748/Ed25519 (incorporated work from github users Valodim and str4d as well).

gerlion <https://github.com/gerlion&gt; detection of concurrency issue with pre-1.60 EC math library.fgrieu &lt;fgrieu&#064gmail.com&gt; identification and suggested fixes for possible timing vulnerability in OAEPEncoding and RSACoreEngine.

MTG <https://github.com/mtgag&gt; patch for decoding issues in PKIPublicationInfo and CertifiedKeyPair.

Andreas Gadermaier <up.gadermaier&#064gmail.com&gt; initial version of Argon2 PBKDF algorithm.Tony Washer &lt;tony.washer@yahoo.co.uk&gt; review of qTesla, Java 1.9 module code, additional test code and debugging for GOST, DSTU, and ECNR algorithms. Initial lightweight implementation of the ZUC ciphers and macs.

Vincent Bouckaert <https://github.com/veebee&gt; initial version of RFC 4998 ASN.1 classes.

Tony Washer <https://github.com/tonywasher&gt; ECIESKeyEncapsulation fix for use of OldCofactor mode. Submitted ChaCha20Poly1305 prototype.

Aurimas Liutikas <https://github.com/liutikas&gt; JavaDoc patches to ReasonsMask.

Gabriel Sroka <https://github.com/gabrielsroka&gt; corrected comments in RSA validation.

sarah-mdv <https://github.com/sarah-mdv&gt; improvements to JceKeyTransRecipientInfoGenerator, tests for JournalingSecureRandom, initial implementation of JournaledAlgorithm.

Jesse Feinman <https://github.com/jessefeinman&gt; performance optimisation in RSAKeyParameters.Gilis95 &lt;https://github.com/Gilis95&gt; improved JSSE compatibility for setEnabledCipherSuites.Haemin Yoo &lt;https://github.com/yoohaemin&gt; Javadoc fixes.

Antoine Toulme <https://github.com/atoulme&gt; Initial implementation of EthereumIESEngine.Golden Looly &lt;https://github.com/looly&gt; Patch for addition of C1C3C2 mode to SM2Engine.Moses Palm&eacute;r, TrueSec &lt;Henrik.Palmer&#064truesec.se&gt; Additional improvements to constant time comparisons.

René Korthaus<https://github.com/securitykernel&gt; Update to XMSS/XMSS^MT OID values to bring them in line with RFC 8391.

THausherr<https://github.com/THausherr&gt; Addition generic support for CMS/TSP functions.Gaylor Bosson&lt;https://github.com/Gilthoniel&gt; Initial implementation of Blake2xs.

gaellalire<https://github.com/gaellalire&gt; Patch for unprotected PGP private keys as SExpr.

im-scooter<https://github.com/im-scooter&gt; Patch for case-insensitive behaviour of Param-Z.

Nick hitchan<https://github.com/hitchan&gt; Fix for typo in engineInitSign() in EdEc SignatureSpi.dbusche&lt;https://github.com/dbusche&gt; Argon2 optimisations.

Daniel Heldt<https://github.com/dheldt&gt; Fixing encodings in unicode tests to allow a wider range of Java compilers to work. Tweak to inheritance in JceKeyAgreeRecipient.

Ugochukwu Mmaduekwe<https://github.com/Xor-el&gt; Fix for initially bugged legacy Integers.numberOfLeadingZeros method.

Gsealy <https://github.com/Gsealy&gt; addition of PBKDF2withHmacSM3 to the provider.

aphuang2013 <https://github.com/aphuang2013&gt; update to path validation in EST service for ClearPath EST.

Kevin Herron <https://github.com/kevinherron&gt; Initial ChaCha20Poly1305 prototype.

vkreml <https://github.com/svkreml&gt; GOST compliance change for

DefaultCMSSignatureEncryptionAlgorithmFinder.

Tobias Ospelt >tobias&#064pentagrid.ch< Identification of 1.63 regression in ASN.1 parsing.

</body>

</html>

# 1.82 simpleclient 0.5.0

# 1.83 alpine-baselayout 3.2.0-r8

# 1.83.1 Available under license :

GNU GENERAL PUBLIC LICENSE Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readablesource code, which must be distributed under the terms of Sections1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.) The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free

programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.> Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'. This is free software, and you are welcome to redistribute it under certain conditions; type 'show c' for details.

The hypothetical commands 'show w' and 'show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than 'show w' and 'show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program 'Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989 Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

# 1.84 args4j 2.0.28 1.84.1 Available under license :

# Released under MIT License

Copyright (c) 2013 Mark Otto.

Copyright (c) 2017 Andrew Fong.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

# 1.85 jctools-core 3.1.0

# 1.85.1 Available under license :

Apache License

Version 2.0, January 2004

http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License. "Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

1. You must give any other recipients of the Work or Derivative Works a copy of this License; and

2. You must cause any modified files to carry prominent notices stating that You changed the files; and

3. You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

4. If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability. END OF TERMS AND CONDITIONS

END OF TERMS AND CONDITIONS

# 1.86 lucene 7.4.0

# 1.86.1 Available under license :

# JTS Topology Suite Licensing

May 30th, 2017

## Project Licenses

The Eclipse Foundation makes available all content in this project ("Content"). Unless otherwise indicated below, the Content is provided to you under the terms and conditions of either the [Eclipse Public License 1.0](https://www.eclipse.org/legal/epl-v10.html) ("EPL") or the [Eclipse Distribution License 1.0](http://www.eclipse.org/org/documents/edl-v10.php) (a BSD Style License). For purposes of the EPL, "Program" will mean the Content.

If you did not receive this Content directly from the Eclipse Foundation, the Content is being redistributed by another party ("Redistributor") and different terms and conditions may apply to your use of any object code in the Content. Check the Redistributor's license that was provided with the Content. If no such license exists, contact the Redistributor. Unless otherwise indicated below, the terms and conditions of the EPL still apply to any source code in the Content and such source code may be obtained at http://www.eclipse.org.

### ## Third Party Content

The Content includes items that have been sourced from third parties as set out below. If you did not receive this Content directly from the Eclipse Foundation, the following is provided for informational purposes only, and you should look to the Redistributor's license for terms and conditions of use.

### Jdom-contrib version 1.1.3

The JTS tests module contains source from JDOM Contrib 1.1.3 which is available under the Jdom License [1]. The two files are LineNumberElement.java and LineNumberSAXHandler.java.

Typical users of this library will not need to depend on this module.

[1] https://github.com/hunterhacker/jdom/blob/master/LICENSE.txt

## ### GeoTools

JTS includes some code from the GeoTools project. This code has been licensed to the JTS project under the OSGeo BSD License [2] by the GeoTools PSC [3,4].

[2] https://www.osgeo.org/sites/osgeo.org/files/Page/osgeo-bsd-license.txt
[3] https://github.com/geotools/geotools/wiki/JTS-ORA-Contribution
[4] https://github.com/geotools/geotools/wiki/JTS-Shapefile-Contribution
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0//EN">

<html><head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1"> <title>Eclipse.org Software User Agreement</title> </head><body lang="EN-US" link="blue" vlink="purple"> <h2>Eclipse Foundation Software User Agreement</h2> March 17, 2005

<h3>Usage Of Content</h3>

THE ECLIPSE FOUNDATION MAKES AVAILABLE SOFTWARE, DOCUMENTATION, INFORMATION AND/OR OTHER MATERIALS FOR OPEN SOURCE PROJECTS (COLLECTIVELY "CONTENT"). USE OF THE CONTENT IS GOVERNED BY THE TERMS AND CONDITIONS OF THIS AGREEMENT AND/OR THE TERMS AND CONDITIONS OF LICENSE AGREEMENTS OR NOTICES INDICATED OR REFERENCED BELOW. BY USING THE CONTENT, YOU AGREE THAT YOUR USE

# OF THE CONTENT IS GOVERNED BY THIS AGREEMENT AND/OR THE TERMS AND CONDITIONS OF ANY APPLICABLE LICENSE AGREEMENTS OR NOTICES INDICATED OR REFERENCED BELOW. IF YOU DO NOT AGREE TO THE TERMS AND CONDITIONS OF THIS AGREEMENT AND THE TERMS AND CONDITIONS OF ANY APPLICABLE LICENSE AGREEMENTS OR NOTICES INDICATED OR REFERENCED BELOW, THEN YOU MAY NOT USE THE CONTENT.

<h3>Applicable Licenses</h3>

Unless otherwise indicated, all Content made available by the Eclipse Foundation is provided to you under the terms and conditions of the Eclipse Public License Version 1.0 ("EPL"). A copy of the EPL is provided with this Content and is also available at <a href="http://www.eclipse.org/legal/epl-v10.html">http://www.eclipse.org/legal/epl-v10.html</a>. For purposes of the EPL, "Program" will mean the Content.

<Content includes, but is not limited to, source code, object code, documentation and other files maintained in the Eclipse.org CVS repository ("Repository") in CVS modules ("Modules") and made available as downloadable archives ("Downloads").

Content may be structured and packaged into modules to facilitate delivering, extending, and upgrading the Content. Typical modules may include plug-ins ("Plug-ins"), plug-in fragments ("Fragments"), and features ("Features"). Each Plug-in or Fragment may be packaged as a sub-directory or JAR (Java™ ARchive) in a directory named "plugins". A Feature is a bundle of one or more Plug-ins and/or Fragments and associated material. Each Feature may be packaged as a sub-directory in a directory named "features". Within a Feature, files named "feature.xml" may contain a list of the names and version numbers of the Plug-ins and/or Fragments associated with that Feature. Features may also include other Features ("Included Features"). Within a Feature, files named "feature.xml" may contain a list of the names and version numbers of Included Features. The terms and conditions governing Plug-ins and Fragments should be contained in files named "about.html" ("Abouts"). The terms and conditions governing Features and

Included Features should be contained in files named "license.html"

("Feature Licenses"). Abouts and Feature Licenses may be located in any

directory of a Download or Module

including, but not limited to the following locations:

The top-level (root) directory
Plug-in and Fragment directories
Inside Plug-ins and Fragments packaged as JARs
Sub-directories of the directory named "src" of certain Plug-ins
Feature directories

Note: if a Feature made available by the Eclipse Foundation is installed using the Eclipse Update Manager, you must agree to a license ("Feature Update License") during the installation process. If the Feature contains Included Features, the Feature Update License should either provide you with the terms and conditions governing the Included Features or inform you where you can locate them. Feature Update Licenses may be found in the "license" property of files named "feature.properties" found within a Feature. Such Abouts, Feature Licenses, and Feature Update Licenses contain the terms and conditions (or references to such terms and conditions) that govern your use of the associated Content in

that directory.

# THE ABOUTS, FEATURE LICENSES, AND FEATURE UPDATE LICENSES MAY REFER TO THE EPL OR OTHER LICENSE AGREEMENTS, NOTICES OR TERMS AND CONDITIONS. SOME OF THESE OTHER LICENSE AGREEMENTS MAY INCLUDE (BUT ARE NOT LIMITED TO):

Common Public License Version 1.0 (available at <a href="http://www.eclipse.org/legal/cpl-">http://www.eclipse.org/legal/cpl-</a>

v10.html">http://www.eclipse.org/legal/cpl-v10.html</a>)

Apache Software License 1.1 (available at <a

href="http://www.apache.org/licenses/LICENSE">http://www.apache.org/licenses/LICENSE</a>)

Apache Software License 2.0 (available at <a href="http://www.apache.org/licenses/LICENSE-

2.0">http://www.apache.org/licenses/LICENSE-2.0</a>)

IBM Public License 1.0 (available at <a/li>

href="http://oss.software.ibm.com/developerworks/opensource/license10.html">http://oss.software.ibm.com/developerworks/opensource/license10.html">http://oss.software.ibm.com/developerworks/opensource/license10.html">http://oss.software.ibm.com/developerworks/opensource/license10.html">http://oss.software.ibm.com/developerworks/opensource/license10.html">http://oss.software.ibm.com/developerworks/opensource/license10.html">http://oss.software.ibm.com/developerworks/opensource/license10.html">http://oss.software.ibm.com/developerworks/opensource/license10.html">http://oss.software.ibm.com/developerworks/opensource/license10.html</a>

Metro Link Public License 1.00 (available at <a/li>

href="http://www.opengroup.org/openmotif/supporters/metrolink/license.html">http://www.opengroup.org/openmotif/supporters/metrolink/license.html">http://www.opengroup.org/openmotif/supporters/metrolink/license.html">http://www.opengroup.org/openmotif/supporters/metrolink/license.html">http://www.opengroup.org/openmotif/supporters/metrolink/license.html">http://www.opengroup.org/openmotif/supporters/metrolink/license.html">http://www.opengroup.org/openmotif/supporters/metrolink/license.html">http://www.opengroup.org/openmotif/supporters/metrolink/license.html">http://www.opengroup.org/openmotif/supporters/metrolink/license.html">http://www.opengroup.org/openmotif/supporters/metrolink/license.html</a>

Mozilla Public License Version 1.1 (available at <a href="http://www.mozilla.org/MPL/MPL-">http://www.mozilla.org/MPL/MPL-</a>

1.1.html">http://www.mozilla.org/MPL/MPL-1.1.html</a>)

IT IS YOUR OBLIGATION TO READ AND ACCEPT ALL SUCH TERMS AND CONDITIONS PRIOR TO USE OF THE CONTENT. If no About, Feature License, or Feature Update License is provided, please

contact the Eclipse Foundation to determine what terms and conditions

govern that particular Content.

<h3>Cryptography</h3>

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

<small>Java and all Java-based trademarks are trademarks of Sun Microsystems, Inc. in the United States, other countries, or both.</small>
</body></html>

COPYRIGHT AND PERMISSION NOTICE (ICU 58 and later)

Copyright 1991-2018 Unicode, Inc. All rights reserved. Distributed under the Terms of Use in http://www.unicode.org/copyright.html.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that either (a) this copyright and permission notice appear with all copies of the Data Files or Software, or (b) this copyright and permission notice appear in associated Documentation.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

# Third-Party Software Licenses

This section contains third-party software notices and/or additional terms for licensed third-party software components included within ICU libraries.

1. ICU License - ICU 1.8.1 to ICU 57.1

## COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1995-2016 International Business Machines Corporation and others All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, provided that the above copyright notice(s) and this permission notice appear in all copies of the Software and that both the above copyright notice(s) and this permission notice appear in supporting documentation.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

All trademarks and registered trademarks mentioned herein are the property of their respective owners.

2. Chinese/Japanese Word Break Dictionary Data (cjdict.txt)

# The Google Chrome software developed by Google is licensed under# the BSD license. Other software included in this distribution is# provided under other licenses, as set forth below.

# # The BSD License # http://opensource.org/licenses/bsd-license.php # Copyright (C) 2006-2008, Google Inc. # # All rights reserved. # # Redistribution and use in source and binary forms, with or without # modification, are permitted provided that the following conditions are met: # # Redistributions of source code must retain the above copyright notice, # this list of conditions and the following disclaimer. # Redistributions in binary form must reproduce the above # copyright notice, this list of conditions and the following # disclaimer in the documentation and/or other materials provided with # the distribution. # Neither the name of Google Inc. nor the names of its # contributors may be used to endorse or promote products derived from # this software without specific prior written permission. # # # THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND # CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, # INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF # MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE # DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE # LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR # CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF # SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR # BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF # LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING # NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS # SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. # # # The word list in cjdict.txt are generated by combining three word lists # listed below with further processing for compound word breaking. The # frequency is generated with an iterative training against Google web # corpora. # # \* Libtabe (Chinese) # - https://sourceforge.net/project/?group\_id=1519 # - Its license terms and conditions are shown below. # # \* IPADIC (Japanese) # - http://chasen.aist-nara.ac.jp/chasen/distribution.html - Its license terms and conditions are shown below. # #

# -----COPYING.libtabe ---- BEGIN------# # /\* # \* Copyright (c) 1999 TaBE Project. # \* Copyright (c) 1999 Pai-Hsiang Hsiao. # \* All rights reserved. # \* # \* Redistribution and use in source and binary forms, with or without # \* modification, are permitted provided that the following conditions # \* are met: # \* # \* . Redistributions of source code must retain the above copyright # \* notice, this list of conditions and the following disclaimer. # \* . Redistributions in binary form must reproduce the above copyright # \* notice, this list of conditions and the following disclaimer in # \* the documentation and/or other materials provided with the # \* distribution. # \*. Neither the name of the TaBE Project nor the names of its # \* contributors may be used to endorse or promote products derived # \* from this software without specific prior written permission. # \* # \* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS # \* "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT # \* LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS # \* FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE # \* REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, # \* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES # \* (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR # \* SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) # \* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, # \* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) # \* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED # \* OF THE POSSIBILITY OF SUCH DAMAGE. # \*/ # # /\* \* Copyright (c) 1999 Computer Systems and Communication Lab, # \* Institute of Information Science, Academia # \* Sinica. All rights reserved. # # \* # \* Redistribution and use in source and binary forms, with or without # \* modification, are permitted provided that the following conditions # \* are met: # \* # \*. Redistributions of source code must retain the above copyright # \* notice, this list of conditions and the following disclaimer. # \*. Redistributions in binary form must reproduce the above copyright # \* notice, this list of conditions and the following disclaimer in

```
# * the documentation and/or other materials provided with the
# * distribution.
# * . Neither the name of the Computer Systems and Communication Lab
# * nor the names of its contributors may be used to endorse or
# * promote products derived from this software without specific
 * prior written permission.
# *
# * THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
# * "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
# * LIMITED TO. THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
# * FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
# * REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
# * INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
# * (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
# * SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
# * HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
# * STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
# * ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
# * OF THE POSSIBILITY OF SUCH DAMAGE.
# */
#
# Copyright 1996 Chih-Hao Tsai @ Beckman Institute,
    University of Illinois
#
# c-tsai4@uiuc.edu http://casper.beckman.uiuc.edu/~c-tsai4
#
# -----COPYING.libtabe-----END-----
#
#
# -----BEGIN-----BEGIN------
#
# Copyright 2000, 2001, 2002, 2003 Nara Institute of Science
# and Technology. All Rights Reserved.
#
# Use, reproduction, and distribution of this software is permitted.
# Any copy of this software, whether in its original form or modified,
# must include both the above copyright notice and the following
# paragraphs.
#
# Nara Institute of Science and Technology (NAIST),
# the copyright holders, disclaims all warranties with regard to this
# software, including all implied warranties of merchantability and
# fitness, in no event shall NAIST be liable for
# any special, indirect or consequential damages or any damages
# whatsoever resulting from loss of use, data or profits, whether in an
# action of contract, negligence or other tortuous action, arising out
# of or in connection with the use or performance of this software.
#
# A large portion of the dictionary entries
```

# originate from ICOT Free Software. The following conditions for ICOT

# Free Software applies to the current dictionary as well.

#

# Each User may also freely distribute the Program, whether in its

# original form or modified, to any third party or parties, PROVIDED

# that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear

# on, or be attached to, the Program, which is distributed substantially

# in the same form as set out herein and that such intended

# distribution, if actually made, will neither violate or otherwise

# contravene any of the laws and regulations of the countries having

# jurisdiction over the User or the intended distribution itself.

#

#### # NO WARRANTY

#### #

# The program was produced on an experimental basis in the course of the
# research and development conducted during the project and is provided
# to users as so produced on an experimental basis. Accordingly, the
# program is provided without any warranty whatsoever, whether express,
# implied, statutory or otherwise. The term "warranty" used herein
# includes, but is not limited to, any warranty of the quality,
# performance, merchantability and fitness for a particular purpose of
# the program and the nonexistence of any infringement or violation of
# any right of any third party.

#

# Each user of the program will agree and understand, and be deemed to

# have agreed and understood, that there is no warranty whatsoever for

# the program and, accordingly, the entire risk arising from or

# otherwise connected with the program is assumed by the user.

#

# Therefore, neither ICOT, the copyright holder, or any other

# organization that participated in or was otherwise related to the

# development of the program and their respective officials, directors,

# officers and other employees shall be held liable for any and all

# damages, including, without limitation, general, special, incidental

# and consequential damages, arising out of or otherwise in connection

# with the use or inability to use the program or any product, material

# or result produced or otherwise obtained by using the program,

# regardless of whether they have been advised of, or otherwise had

# knowledge of, the possibility of such damages at any time during the

# project or thereafter. Each user will be deemed to have agreed to the

# foregoing by his or her commencement of use of the program. The term

# "use" as used herein includes, but is not limited to, the use,

# modification, copying and distribution of the program and the

# production of secondary products from the program.

#

# In the case where the program, whether in its original form or

# modified, was distributed or delivered to or received by a user from

# any person, organization or entity other than ICOT, unless it makes or

# grants independently of ICOT any specific warranty to the user in # writing, such person, organization or entity, will also be exempted # from and not be held liable to the user for any such damages as noted # above as far as the program is concerned. # # -----COPYING.ipadic-----END-----3. Lao Word Break Dictionary Data (laodict.txt) # Copyright (c) 2013 International Business Machines Corporation # and others. All Rights Reserved. # # Project: http://code.google.com/p/lao-dictionary/ # Dictionary: http://lao-dictionary.googlecode.com/git/Lao-Dictionary.txt # License: http://lao-dictionary.googlecode.com/git/Lao-Dictionary-LICENSE.txt (copied below) # # # This file is derived from the above dictionary, with slight # modifications. # ------# Copyright (C) 2013 Brian Eugene Wilson, Robert Martin Campbell. # All rights reserved. # # Redistribution and use in source and binary forms, with or without # modification. *#* are permitted provided that the following conditions are met: # # # Redistributions of source code must retain the above copyright notice, this # list of conditions and the following disclaimer. Redistributions in # binary form must reproduce the above copyright notice, this list of # conditions and the following disclaimer in the documentation and/or # other materials provided with the distribution. # # # THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS # "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT # LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS # FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE # COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, # INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES # (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR # SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) # HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, # STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) # ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED # OF THE POSSIBILITY OF SUCH DAMAGE.

#

#### 4. Burmese Word Break Dictionary Data (burmesedict.txt)

# Copyright (c) 2014 International Business Machines Corporation # and others. All Rights Reserved. # # This list is part of a project hosted at: # github.com/kanyawtech/myanmar-karen-word-lists # # ------# Copyright (c) 2013, LeRoy Benjamin Sharon # All rights reserved. # # Redistribution and use in source and binary forms, with or without # modification, are permitted provided that the following conditions # are met: Redistributions of source code must retain the above # copyright notice, this list of conditions and the following # disclaimer. Redistributions in binary form must reproduce the # above copyright notice, this list of conditions and the following # disclaimer in the documentation and/or other materials provided # with the distribution. # # Neither the name Myanmar Karen Word Lists, nor the names of its # contributors may be used to endorse or promote products derived # from this software without specific prior written permission. # # THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND # CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, # INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF # MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE # DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS # BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, # EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED # TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, # DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON # ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR # TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF # THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF # SUCH DAMAGE. # ------

## 5. Time Zone Database

ICU uses the public domain data and code derived from Time Zone Database for its time zone support. The ownership of the TZ database is explained in BCP 175: Procedure for Maintaining the Time Zone Database section 7.

### #7. Database Ownership

- #
- # The TZ database itself is not an IETF Contribution or an IETF
- # document. Rather it is a pre-existing and regularly updated work
- # that is in the public domain, and is intended to remain in the
- # public domain. Therefore, BCPs 78 [RFC5378] and 79 [RFC3979] do
- # not apply to the TZ Database or contributions that individuals make
- # to it. Should any claims be made and substantiated against the TZ
- # Database, the organization that is providing the IANA
- # Considerations defined in this RFC, under the memorandum of
- # understanding with the IETF, currently ICANN, may act in accordance
- # with all competent court orders. No ownership claims will be made
- # by ICANN or the IETF Trust on the database or the code. Any person
- # making a contribution to the database or code waives all rights to
- # future claims in that contribution or in the TZ Database.

6. Google double-conversion

Copyright 2006-2011, the V8 project authors. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

UIMA Annotator: Tagger Copyright 2006-2010 The Apache Software Foundation This product includes software developed at

| The Apache Software Foundation (http://www.apache.org/). |                                                                                                                                                   |
|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| /*                                                       |                                                                                                                                                   |
| *                                                        | Apache License                                                                                                                                    |
| *                                                        | Version 2.0, January 2004                                                                                                                         |
| *                                                        | http://www.apache.org/licenses/                                                                                                                   |
| *                                                        |                                                                                                                                                   |
| * ]                                                      | TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION                                                                                      |
| *                                                        |                                                                                                                                                   |
| * 1                                                      | . Definitions.                                                                                                                                    |
| *                                                        |                                                                                                                                                   |
| *                                                        | "License" shall mean the terms and conditions for use, reproduction,                                                                              |
| *                                                        | and distribution as defined by Sections 1 through 9 of this document.                                                                             |
| *                                                        |                                                                                                                                                   |
| *                                                        | "Licensor" shall mean the copyright owner or entity authorized by                                                                                 |
| *                                                        | the copyright owner that is granting the License.                                                                                                 |
| *                                                        | the copyright owner that is granting the Electise.                                                                                                |
| *                                                        | "Legal Entity" shall mean the union of the acting entity and all                                                                                  |
| *                                                        | other entities that control, are controlled by, or are under common                                                                               |
| *                                                        | -                                                                                                                                                 |
| *                                                        | control with that entity. For the purposes of this definition,                                                                                    |
| *                                                        | "control" means (i) the power, direct or indirect, to cause the                                                                                   |
|                                                          | direction or management of such entity, whether by contract or                                                                                    |
| *                                                        | otherwise, or (ii) ownership of fifty percent (50%) or more of the                                                                                |
| *                                                        | outstanding shares, or (iii) beneficial ownership of such entity.                                                                                 |
| *                                                        |                                                                                                                                                   |
| *                                                        | "You" (or "Your") shall mean an individual or Legal Entity                                                                                        |
| *                                                        | exercising permissions granted by this License.                                                                                                   |
| *                                                        |                                                                                                                                                   |
| *                                                        | "Source" form shall mean the preferred form for making modifications,                                                                             |
| *                                                        | including but not limited to software source code, documentation                                                                                  |
| *                                                        | source, and configuration files.                                                                                                                  |
| *                                                        |                                                                                                                                                   |
| *                                                        | "Object" form shall mean any form resulting from mechanical                                                                                       |
| *                                                        | transformation or translation of a Source form, including but                                                                                     |
| *                                                        | not limited to compiled object code, generated documentation,                                                                                     |
| *                                                        | and conversions to other media types.                                                                                                             |
| *                                                        |                                                                                                                                                   |
| *                                                        | "Work" shall mean the work of authorship, whether in Source or                                                                                    |
| *                                                        | Object form, made available under the License, as indicated by a                                                                                  |
| *                                                        | copyright notice that is included in or attached to the work                                                                                      |
| *                                                        | (an example is provided in the Appendix below).                                                                                                   |
| *                                                        |                                                                                                                                                   |
| *                                                        | "Derivative Works" shall mean any work, whether in Source or Object                                                                               |
| *                                                        | form, that is based on (or derived from) the Work and for which the                                                                               |
| *                                                        | editorial revisions, annotations, elaborations, or other modifications                                                                            |
| *                                                        | represent, as a whole, an original work of authorship. For the purposes                                                                           |
| *                                                        | of this License, Derivative Works shall not include works that remain                                                                             |
| *                                                        | separable from, or merely link (or bind by name) to the interfaces of,                                                                            |
|                                                          | $\mathbf{r}_{\mathbf{r}}$ and $\mathbf{r}_{\mathbf{r}}$ is the interval of $\mathbf{r}_{\mathbf{r}}$ is the interval of $\mathbf{r}_{\mathbf{r}}$ |

- \* the Work and Derivative Works thereof.
- \*
- \* "Contribution" shall mean any work of authorship, including
- \* the original version of the Work and any modifications or additions
- \* to that Work or Derivative Works thereof, that is intentionally
- \* submitted to Licensor for inclusion in the Work by the copyright owner
- \* or by an individual or Legal Entity authorized to submit on behalf of
- \* the copyright owner. For the purposes of this definition, "submitted"
- \* means any form of electronic, verbal, or written communication sent
- \* to the Licensor or its representatives, including but not limited to
- \* communication on electronic mailing lists, source code control systems,
- \* and issue tracking systems that are managed by, or on behalf of, the
- \* Licensor for the purpose of discussing and improving the Work, but
- \* excluding communication that is conspicuously marked or otherwise
- \* designated in writing by the copyright owner as "Not a Contribution."
- \*
- "Contributor" shall mean Licensor and any individual or Legal Entity
- \* on behalf of whom a Contribution has been received by Licensor and
  \* subsequently incorporated within the Work.
- \*
- \* 2. Grant of Copyright License. Subject to the terms and conditions of
- \* this License, each Contributor hereby grants to You a perpetual,
- \* worldwide, non-exclusive, no-charge, royalty-free, irrevocable
- \* copyright license to reproduce, prepare Derivative Works of,
- \* publicly display, publicly perform, sublicense, and distribute the
- \* Work and such Derivative Works in Source or Object form.
- \*
- \* 3. Grant of Patent License. Subject to the terms and conditions of
- \* this License, each Contributor hereby grants to You a perpetual,
- \* worldwide, non-exclusive, no-charge, royalty-free, irrevocable
- \* (except as stated in this section) patent license to make, have made,
- \* use, offer to sell, sell, import, and otherwise transfer the Work,
- \* where such license applies only to those patent claims licensable
- \* by such Contributor that are necessarily infringed by their
- \* Contribution(s) alone or by combination of their Contribution(s)
- \* with the Work to which such Contribution(s) was submitted. If You
- \* institute patent litigation against any entity (including a
- \* cross-claim or counterclaim in a lawsuit) alleging that the Work
- \* or a Contribution incorporated within the Work constitutes direct
- \* or contributory patent infringement, then any patent licenses
- \* granted to You under this License for that Work shall terminate
- \* as of the date such litigation is filed.
- \*
- \* 4. Redistribution. You may reproduce and distribute copies of the
- \* Work or Derivative Works thereof in any medium, with or without
- \* modifications, and in Source or Object form, provided that You
- \* meet the following conditions:
- \*

- (a) You must give any other recipients of the Work or \* Derivative Works a copy of this License; and \* (b) You must cause any modified files to carry prominent notices \* stating that You changed the files; and \* (c) You must retain, in the Source form of any Derivative Works \* that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of \* \* the Derivative Works; and \* (d) If the Work includes a "NOTICE" text file as part of its \* distribution, then any Derivative Works that You distribute must \* include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not \* pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or \* documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents \* of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed \* as modifying the License. \* You may add Your own copyright statement to Your modifications and \* may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or \* for any such Derivative Works as a whole, provided Your use, \* reproduction, and distribution of the Work otherwise complies with \* the conditions stated in this License. \* 5. Submission of Contributions. Unless You explicitly state otherwise, \* any Contribution intentionally submitted for inclusion in the Work \* by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. \* Notwithstanding the above, nothing herein shall supersede or modify \* the terms of any separate license agreement you may have executed with Licensor regarding such Contributions. \* 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor,
- \* except as required for reasonable and customary use in describing the
- \* origin of the Work and reproducing the content of the NOTICE file.

- \*
- \* 7. Disclaimer of Warranty. Unless required by applicable law or

\* agreed to in writing, Licensor provides the Work (and each

- \* Contributor provides its Contributions) on an "AS IS" BASIS,
- \* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
- \* implied, including, without limitation, any warranties or conditions
- \* of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
- \* PARTICULAR PURPOSE. You are solely responsible for determining the
- \* appropriateness of using or redistributing the Work and assume any
- \* risks associated with Your exercise of permissions under this License.
- \*

\* 8. Limitation of Liability. In no event and under no legal theory,

- \* whether in tort (including negligence), contract, or otherwise,
- \* unless required by applicable law (such as deliberate and grossly
- \* negligent acts) or agreed to in writing, shall any Contributor be
- \* liable to You for damages, including any direct, indirect, special,
- \* incidental, or consequential damages of any character arising as a
- \* result of this License or out of the use or inability to use the
- \* Work (including but not limited to damages for loss of goodwill,
- \* work stoppage, computer failure or malfunction, or any and all
- \* other commercial damages or losses), even if such Contributor
- \* has been advised of the possibility of such damages.
- \*
- \* 9. Accepting Warranty or Additional Liability. While redistributing
- \* the Work or Derivative Works thereof, You may choose to offer,
- \* and charge a fee for, acceptance of support, warranty, indemnity,
- \* or other liability obligations and/or rights consistent with this
- \* License. However, in accepting such obligations, You may act only
- \* on Your own behalf and on Your sole responsibility, not on behalf
- \* of any other Contributor, and only if You agree to indemnify,
- \* defend, and hold each Contributor harmless for any liability
- \* incurred by, or claims asserted against, such Contributor by reason
- \* of your accepting any such warranty or additional liability.
- \*

#### END OF TERMS AND CONDITIONS

\*

APPENDIX: How to apply the Apache License to your work.

- \*
- \* To apply the Apache License to your work, attach the following
- \* boilerplate notice, with the fields enclosed by brackets "[]"
- \* replaced with your own identifying information. (Don't include
- \* the brackets!) The text should be enclosed in the appropriate
- \* comment syntax for the file format. We also recommend that a
- \* file or class name and description of purpose be included on the
- \* same "printed page" as the copyright notice for easier
- \* identification within third-party archives.
- \*
- \* Copyright [yyyy] [name of copyright owner]

- \*
- \* Licensed under the Apache License, Version 2.0 (the "License");
- \* you may not use this file except in compliance with the License.
- \* You may obtain a copy of the License at
- \*
- \* http://www.apache.org/licenses/LICENSE-2.0
- \*
- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS,
- \* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
- \* See the License for the specific language governing permissions and
- \* limitations under the License.
- \*/

#### W3C SOFTWARE NOTICE AND LICENSE

http://www.w3.org/Consortium/Legal/2002/copyright-software-20021231

This work (and included software, documentation such as READMEs, or other related items) is being provided by the copyright holders under the following license. By obtaining, using and/or copying this work, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions.

Permission to copy, modify, and distribute this software and its documentation, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the software and documentation or portions thereof, including modifications:

- 1. The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.
- 2. Any pre-existing intellectual property disclaimers, notices, or terms and conditions. If none exist, the W3C Software Short Notice should be included (hypertext is preferred, text is permitted) within the body of any redistributed or derivative code.
- 3. Notice of any changes or modifications to the files, including the date changes were made. (We recommend you provide URIs to the location from which the code is derived.)

THIS SOFTWARE AND DOCUMENTATION IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENTATION WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENTATION.

The name and trademarks of copyright holders may NOT be used in advertising or

publicity pertaining to the software without specific, written prior permission. Title to copyright in this software and any associated documentation will at all times remain with copyright holders.

This formulation of W3C's notice and license became active on December 31 2002. This version removes the copyright ownership notice such that this license can be used with materials other than those owned by the W3C, reflects that ERCIM is now a host of the W3C, includes references to this specific dated version of the license, and removes the ambiguous grant of "use". Otherwise, this version is the same as the previous version and is written so as to preserve the Free Software Foundation's assessment of GPL compatibility and OSI's certification under the Open Source Definition. Please see our Copyright FAQ for common questions about using materials from our site, including specific terms and conditions for packages like libwww, Amaya, and Jigsaw. Other questions about this notice can be directed to site-policy@w3.org.

Joseph Reagle <site-policy@w3.org>

This license came from: http://www.megginson.com/SAX/copying.html However please note future versions of SAX may be covered under http://saxproject.org/?selected=pd

SAX2 is Free!

I hereby abandon any property rights to SAX 2.0 (the Simple API for XML), and release all of the SAX 2.0 source code, compiled code, and documentation contained in this distribution into the Public Domain. SAX comes with NO WARRANTY or guarantee of fitness for any purpose.

David Megginson, david@megginson.com 2000-05-05

Copyright (c) 2006 Dawid Weiss Copyright (c) 2007-2016 Dawid Weiss, Marcin Mikowski All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. \* Neither the name of Morfologik nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. ICU4J, (under lucene/analysis/icu) is licensed under an MIT style license (modules/analysis/icu/lib/icu4j-LICENSE-BSD\_LIKE.txt) and Copyright (c) 1995-2012 International Business Machines Corporation and others [The "BSD license"] Copyright (c) 2015 Terence Parr, Sam Harwell All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- 3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

> Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works

that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A

PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

#### Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. Common Public License - y 1.0

# THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS COMMON PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

#### 1. DEFINITIONS

#### "Contribution" means:

a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, andb) in the case of each subsequent Contributor:

- i) changes to the Program, and
- ii) additions to the Program;

where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include additions to the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents " mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

"Program" means the Contributions distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement, including all Contributors.

#### 2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the

Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder. c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program. d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

#### **3. REQUIREMENTS**

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and

b) its license agreement:

i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and

iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.When the Program is made available in source code form:

a) it must be made available under this Agreement; and

b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

#### 4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor

("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

#### 5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

#### 6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### 7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against a Contributor with respect to a patent applicable to software (including a cross-claim or counterclaim in a lawsuit), then any patent licenses granted by that Contributor to such Recipient under this Agreement shall terminate as of the date such litigation is filed. In addition, if Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. IBM is the initial Agreement Steward. IBM may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation. ICU License - ICU 1.8.1 and later

#### COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1995-2012 International Business Machines Corporation and others

#### All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, provided that the above copyright notice(s) and this permission notice appear in all copies of the Software and that both the above copyright notice(s) and this permission notice appear in supporting documentation. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

All trademarks and registered trademarks mentioned herein are the property of their respective owners. # about.md file

## About This Content

May 22, 2015

### License

The Eclipse Foundation makes available all content in this plug-in ("Content"). Unless otherwise indicated below, the

Content is provided to you under the terms and conditions of the Apache License, Version 2.0. A copy of the Apache

License, Version 2.0 is available at

[http://www.apache.org/licenses/LICENSE-2.0.txt](http://www.apache.org/licenses/LICENSE-2.0.txt)

If you did not receive this Content directly from the Eclipse Foundation, the Content is being redistributed by another

party ("Redistributor") and different terms and conditions may apply to your use of any object code in the Content. Check the Redistributors license that was provided with the Content. If no such license exists, contact the

Redistributor. Unless otherwise indicated below, the terms and conditions of the Apache License, Version 2.0 still apply

to any source code in the Content and such source code may be obtained at

[http://www.eclipse.org](http://www.eclipse.org).

# notice.md file

Note: the below Eclipse user agreement is standard. It says "Unless otherwise indicated, "... before referring to the EPL. We indicate above that all content is licensed under the ASLv2 license. -- David Smiley

## Eclipse Foundation Software User Agreement

### Usage Of Content

THE ECLIPSE FOUNDATION MAKES AVAILABLE SOFTWARE, DOCUMENTATION, INFORMATION AND/OR OTHER MATERIALS FOR OPEN SOURCE PROJECTS (COLLECTIVELY "CONTENT"). USE OF THE CONTENT IS GOVERNED BY THE TERMS AND CONDITIONS OF THIS AGREEMENT AND/OR THE TERMS AND CONDITIONS OF LICENSE AGREEMENTS OR NOTICES INDICATED OR REFERENCED BELOW. BY USING THE CONTENT, YOU AGREE THAT YOUR USE OF THE CONTENT IS GOVERNED BY THIS AGREEMENT AND/OR THE TERMS AND CONDITIONS OF ANY APPLICABLE LICENSE AGREEMENTS OR NOTICES INDICATED OR REFERENCED BELOW. IF YOU DO NOT AGREE TO THE TERMS AND CONDITIONS OF THIS AGREEMENT AND THE TERMS AND CONDITIONS OF ANY APPLICABLE LICENSE AGREEMENTS OR NOTICES INDICATED OR REFERENCED BELOW, THEN YOU MAY NOT USE THE CONTENT.

### Applicable Licenses

Unless otherwise indicated, all Content made available by the Eclipse Foundation is provided to you under the terms and

conditions of the Eclipse Public License Version 1.0 ("EPL"). A copy of the EPL is provided with this Content and is

also available at [http://www.eclipse.org/legal/epl-v10.html](http://www.eclipse.org/legal/epl-v10.html). For purposes

of the EPL, "Program" will mean the Content.

Content includes, but is not limited to, source code, object code, documentation and other files maintained in the Eclipse Foundation source code repository ("Repository") in software modules ("Modules") and made available as downloadable archives ("Downloads").

\* Content may be structured and packaged into modules to facilitate delivering, extending, and upgrading the Content.

Typical modules may include plug-ins ("Plug-ins"), plug-in fragments ("Fragments"), and features ("Features").

\* Each Plug-in or Fragment may be packaged as a sub-directory or JAR (Java ARchive) in a directory named "plugins".

\* A Feature is a bundle of one or more Plug-ins and/or Fragments and associated material. Each Feature may be packaged

as a sub-directory in a directory named "features". Within a Feature, files named "feature.xml" may contain a list of the names and version numbers of the Plug-ins and/or Fragments associated with that Feature.

\* Features may also include other Features ("Included Features"). Within a Feature, files named "feature.xml" may contain a list of the names and version numbers of Included Features.

The terms and conditions governing Plug-ins and Fragments should be contained in files named "about.html" ("Abouts").

The terms and conditions governing Features and Included Features should be contained in files named "license.html"

("Feature Licenses"). Abouts and Feature Licenses may be located in any directory of a Download or Module including, but

not limited to the following locations:

- \* The top-level (root) directory
- \* Plug-in and Fragment directories
- \* Inside Plug-ins and Fragments packaged as JARs
- \* Sub-directories of the directory named "src" of certain Plug-ins
- \* Feature directories

Note: if a Feature made available by the Eclipse Foundation is installed using the Provisioning Technology (as defined

below), you must agree to a license ("Feature Update License") during the installation process. If the Feature contains

Included Features, the Feature Update License should either provide you with the terms and conditions governing the

Included Features or inform you where you can locate them. Feature Update Licenses may be found in the "license" property of files named "feature.properties" found within a Feature. Such Abouts, Feature Licenses, and Feature Update

Licenses contain the terms and conditions (or references to such terms and conditions) that govern your use of the associated Content in that directory.

# THE ABOUTS, FEATURE LICENSES, AND FEATURE UPDATE LICENSES MAY REFER TO THE EPL OR OTHER LICENSE AGREEMENTS, NOTICES OR

# TERMS AND CONDITIONS. SOME OF THESE OTHER LICENSE AGREEMENTS MAY INCLUDE (BUT ARE NOT LIMITED TO):

- \* Eclipse Distribution License Version 1.0 (available at [http://www.eclipse.org/licenses/edl-v10.html](http://www.eclipse.org/licenses/edl-v10.html))
- \* Common Public License Version 1.0 (available at [http://www.eclipse.org/legal/cpl-v10.html](http://www.eclipse.org/legal/cpl-v10.html))
- \* Apache Software License 1.1 (available at [http://www.apache.org/licenses/LICENSE](http://www.apache.org/licenses/LICENSE))
- \* Apache Software License 2.0 (available at [http://www.apache.org/licenses/LICENSE-2.0](http://www.apache.org/licenses/LICENSE-2.0))
- \* Mozilla Public License Version 1.1 (available at [http://www.mozilla.org/MPL/MPL-1.1.html](http://www.mozilla.org/MPL/MPL-1.1.html))

### IT IS YOUR OBLIGATION TO READ AND ACCEPT ALL SUCH TERMS AND CONDITIONS PRIOR TO USE OF THE CONTENT. If no About, Feature

License, or Feature Update License is provided, please contact the Eclipse Foundation to determine what terms and conditions govern that particular Content.

### Use of Provisioning Technology

The Eclipse Foundation makes available provisioning software, examples of which include, but are not limited to, p2 and

the Eclipse Update Manager ("Provisioning Technology") for the purpose of allowing users to install software,

documentation, information and/or other materials (collectively "Installable Software"). This capability is provided with the intent of allowing such users to install, extend and update Eclipse-based products. Information about packaging

Installable Software is available at

[http://eclipse.org/equinox/p2/repository\_packaging.html](http://eclipse.org/equinox/p2/repository\_packaging.html) ("Specification").

You may use Provisioning Technology to allow other parties to install Installable Software. You shall be responsible for

enabling the applicable license agreements relating to the Installable Software to be presented to, and accepted by, the

users of the Provisioning Technology in accordance with the Specification. By using Provisioning Technology in such a

manner and making it available in accordance with the Specification, you further acknowledge your agreement to, and the

acquisition of all necessary rights to permit the following:

1. A series of actions may occur ("Provisioning Process") in which a user may execute the Provisioning Technology on a

machine ("Target Machine") with the intent of installing, extending or updating the functionality of an Eclipse-based product.

2. During the Provisioning Process, the Provisioning Technology may cause third party Installable Software or a portion

thereof to be accessed and copied to the Target Machine.

3. Pursuant to the Specification, you will provide to the user the terms and conditions that govern the use of the Installable Software ("Installable Software Agreement") and such Installable Software Agreement shall be accessed

from the Target Machine in accordance with the Specification. Such Installable Software Agreement must inform the

user of the terms and conditions that govern the Installable Software and must solicit acceptance by the end user in the manner prescribed in such Installable Software Agreement. Upon such indication of agreement by the user, the provisioning Technology will complete installation of the Installable Software.

### Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import,

possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software,

please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

<small>Java and all Java-based trademarks are trademarks of Oracle Corporation in the United States, other countries,

or both.</small>

Apache License Version 2.0, January 2004

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and

- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or

implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

#### Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.0

1. Definitions.

1.1. Contributor. means each individual or entity that creates or contributes to the creation of Modifications.

1.2. Contributor Version. means the combination of the Original Software, prior Modifications used by a Contributor (if any), and the Modifications made by that particular Contributor.

1.3. Covered Software. means (a) the Original Software, or (b) Modifications, or (c) the combination of files containing Original Software with files containing Modifications, in each case including portions thereof.

1.4. Executable. means the Covered Software in any form other than Source Code.

1.5. Initial Developer. means the individual or entity that first makes Original Software available under this License.

1.6. Larger Work. means a work which combines Covered Software or portions thereof with code not governed by the terms of this License.

1.7. License. means this document.

1.8. Licensable. means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. Modifications. means the Source Code and Executable form of any of the following:

A. Any file that results from an addition to, deletion from or modification of the contents of a file containing Original Software or previous Modifications;

B. Any new file that contains any part of the Original Software or previous Modification; or

C. Any new file that is contributed or otherwise made available under the terms of this License.

1.10. Original Software. means the Source Code and Executable form of computer software code that is originally released under this License.

1.11. Patent Claims. means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

1.12. Source Code. means (a) the common form of computer software code in which modifications are made and

(b) associated documentation included in or with such code.

1.13. You. (or .Your.) means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, .You. includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, .control. means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

#### 2. License Grants.

2.1. The Initial Developer Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, the Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer, to use, reproduce, modify, display, perform, sublicense and distribute the Original Software (or portions thereof), with or without Modifications, and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using or selling of Original Software, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Software (or portions thereof).

(c) The licenses granted in Sections 2.1(a) and (b) are effective on the date Initial Developer first distributes or otherwise makes the Original Software available to a third party under the terms of this License.

(d) Notwithstanding Section 2.1(b) above, no patent license is granted: (1) for code that You delete from the Original Software, or (2) for infringements caused by: (i) the modification of the Original Software, or (ii) the combination of the Original Software with other software or devices.

2.2. Contributor Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by Contributor to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof), either on an unmodified basis, with other Modifications, as Covered Software and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: (1) Modifications made by that Contributor (or portions thereof); and (2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

(c) The licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first distributes or otherwise makes the Modifications available to a third party.

(d) Notwithstanding Section 2.2(b) above, no patent license is granted: (1) for any code that Contributor has deleted from the Contributor Version; (2) for infringements caused by: (i) third party modifications of Contributor Version, or (ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or (3) under Patent Claims infringed by Covered Software in the absence of Modifications made by that Contributor.

#### 3. Distribution Obligations.

#### 3.1. Availability of Source Code.

Any Covered Software that You distribute or otherwise make available in Executable form must also be made available in Source Code form and that Source Code form must be distributed only under the terms of this License. You must include a copy of this License with every copy of the Source Code form of the Covered Software You distribute or otherwise make available. You must inform recipients of any such Covered Software in Executable form as to how they can obtain such Covered Software in Source Code form in a reasonable manner on or through a medium customarily used for software exchange.

#### 3.2. Modifications.

The Modifications that You create or to which You contribute are governed by the terms of this License. You represent that You believe Your Modifications are Your original creation(s) and/or You have sufficient rights to grant the rights conveyed by this License.

#### 3.3. Required Notices.

You must include a notice in each of Your Modifications that identifies You as the Contributor of the Modification. You may not remove or alter any copyright, patent or trademark notices contained within the Covered Software, or any notices of licensing or any descriptive text giving attribution to any Contributor or the Initial Developer.

#### 3.4. Application of Additional Terms.

You may not offer or impose any terms on any Covered Software in Source Code form that alters or restricts the applicable version of this License or the recipients. rights hereunder. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, you may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

#### 3.5. Distribution of Executable Versions.

You may distribute the Executable form of the Covered Software under the terms of this License or under the terms of a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable form does not attempt to limit or alter the recipient.s rights in the Source Code form from the rights set forth in this License. If You distribute the Covered Software in Executable form under a different license, You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

#### 3.6. Larger Works.

You may create a Larger Work by combining Covered Software with other code not governed by the terms of

this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Software.

#### 4. Versions of the License.

#### 4.1. New Versions.

Sun Microsystems, Inc. is the initial license steward and may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Except as provided in Section 4.3, no one other than the license steward has the right to modify this License.

#### 4.2. Effect of New Versions.

You may always continue to use, distribute or otherwise make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. If the Initial Developer includes a notice in the Original Software prohibiting it from being distributed or otherwise made available under any subsequent version of the License, You must distribute and make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. Otherwise, You may also choose to use, distribute or otherwise make the Covered Software available under the terms of the License published by the license steward.

#### 4.3. Modified Versions.

When You are an Initial Developer and You want to create a new license for Your Original Software, You may create and use a modified version of this License if You: (a) rename the license and remove any references to the name of the license steward (except to note that the license differs from this License); and (b) otherwise make it clear that the license contains terms which differ from this License.

#### 5. DISCLAIMER OF WARRANTY.

COVERED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN .AS IS. BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED SOFTWARE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGING. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED SOFTWARE IS WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

#### 6. TERMINATION.

6.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

6.2. If You assert a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You assert such claim is referred to as .Participant.) alleging that the Participant Software (meaning the Contributor Version where the Participant is a Contributor or the Original Software where the Participant is the Initial Developer) directly or indirectly infringes any patent, then any and all rights granted directly or indirectly to You by such Participant, the Initial Developer (if

the Initial Developer is not the Participant) and all Contributors under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively and automatically at the expiration of such 60 day notice period, unless if within such 60 day period You withdraw Your claim with respect to the Participant Software against such Participant either unilaterally or pursuant to a written agreement with Participant.

6.3. In the event of termination under Sections 6.1 or 6.2 above, all end user licenses that have been validly granted by You or any distributor hereunder prior to termination (excluding licenses granted to You by any distributor) shall survive termination.

#### 7. LIMITATION OF LIABILITY.

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED SOFTWARE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOST PROFITS, LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY.S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

#### 8. U.S. GOVERNMENT END USERS.

The Covered Software is a .commercial item,. as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of .commercial computer software. (as that term is defined at 48 C.F.R. ? 252.227-7014(a)(1)) and .commercial computer software documentation. as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Software with only those rights set forth herein. This U.S. Government Rights clause is in lieu of, and supersedes, any other FAR, DFAR, or other clause or provision that addresses Government rights in computer software under this License.

#### 9. MISCELLANEOUS.

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdiction.s conflict-of-law provisions. Any litigation relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, with the losing party responsible for costs, including, without limitation, court costs and reasonable attorneys. fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise

make available any Covered Software.

#### 10. RESPONSIBILITY FOR CLAIMS.

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

# NOTICE PURSUANT TO SECTION 9 OF THE COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)

The code released under the CDDL shall be governed by the laws of the State of California (excluding conflict-oflaw provisions). Any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California and the state courts of the State of California, with venue lying in Santa Clara County, California.

> Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but

not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their

Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof. "Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or

Derivative Works a copy of this License; and

- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

```
http://www.apache.org/licenses/LICENSE-2.0
```

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was derived from unicode conversion examples available at http://www.unicode.org/Public/PROGRAMS/CVTUTF. Here is the copyright from those sources:

#### /\*

\* Copyright 2001-2004 Unicode, Inc.

\*

\* Disclaimer

\*

\* This source code is provided as is by Unicode, Inc. No claims are

\* made as to fitness for any particular purpose. No warranties of any

\* kind are expressed or implied. The recipient agrees to determine

\* applicability of information provided. If this file has been

\* purchased on magnetic or optical media from Unicode, Inc., the

\* sole remedy for any claim will be exchange of defective media

\* within 90 days of receipt.

\*

\* Limitations on Rights to Redistribute This Code

\*

\* Unicode, Inc. hereby grants the right to freely use the information

\* supplied in this file in the creation of products supporting the

\* Unicode Standard, and to make copies of this file in any form

\* for internal or external distribution as long as this notice

\* remains attached.

\*/

Some code in core/src/java/org/apache/lucene/util/ArrayUtil.java was derived from Python 2.4.2 sources available at http://www.python.org. Full license is here:

http://www.python.org/download/releases/2.4.2/license/

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was derived from Python 3.1.2 sources available at http://www.python.org. Full license is here:

http://www.python.org/download/releases/3.1.2/license/

Some code in core/src/java/org/apache/lucene/util/automaton was derived from Brics automaton sources available at www.brics.dk/automaton/. Here is the copyright from those sources:

/\*

\* Copyright (c) 2001-2009 Anders Moeller

\* All rights reserved.

\*

\* Redistribution and use in source and binary forms, with or without

\* modification, are permitted provided that the following conditions

\* are met:

\* 1. Redistributions of source code must retain the above copyright

\* notice, this list of conditions and the following disclaimer.

\* 2. Redistributions in binary form must reproduce the above copyright

\* notice, this list of conditions and the following disclaimer in the

\* documentation and/or other materials provided with the distribution.

\* 3. The name of the author may not be used to endorse or promote products

\* derived from this software without specific prior written permission.

\*

\* THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS" AND ANY EXPRESS OR
\* IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
\* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
\* IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT,
\* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
\* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
\* DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
\* THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
\* (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
\* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

\*/

The levenshtein automata tables in core/src/java/org/apache/lucene/util/automaton were automatically generated with the moman/finenight FSA package. Here is the copyright for those sources:

# Copyright (c) 2010, Jean-Philippe Barrette-LaPierre, <jpb@rrette.com>

#

# Permission is hereby granted, free of charge, to any person

# obtaining a copy of this software and associated documentation

# files (the "Software"), to deal in the Software without

# restriction, including without limitation the rights to use,

# copy, modify, merge, publish, distribute, sublicense, and/or sell

# copies of the Software, and to permit persons to whom the

# Software is furnished to do so, subject to the following

# conditions:

#

# The above copyright notice and this permission notice shall be

# included in all copies or substantial portions of the Software.

#

# THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
# EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES
# OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
# NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT
# HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY,
# WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING
# FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR
# OTHER DEALINGS IN THE SOFTWARE.

Some code in core/src/java/org/apache/lucene/util/UnicodeUtil.java was derived from ICU (http://www.icu-project.org) The full license is available here: http://source.icu-project.org/repos/icu/icu/trunk/license.html

/\*

\* Copyright (C) 1999-2010, International Business Machines

\* Corporation and others. All Rights Reserved.

\*

\* Permission is hereby granted, free of charge, to any person obtaining a copy

\* of this software and associated documentation files (the "Software"), to deal

\* in the Software without restriction, including without limitation the rights

\* to use, copy, modify, merge, publish, distribute, and/or sell copies of the

\* Software, and to permit persons to whom the Software is furnished to do so,

\* provided that the above copyright notice(s) and this permission notice appear

\* in all copies of the Software and that both the above copyright notice(s) and

\* this permission notice appear in supporting documentation.

\*

\* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

\* IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

\* FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS.

\* IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE

\* LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR

\* ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER

\* IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT

\* OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

\*

\* Except as contained in this notice, the name of a copyright holder shall not

\* be used in advertising or otherwise to promote the sale, use or other

\* dealings in this Software without prior written authorization of the

\* copyright holder.

\*/

The following license applies to the Snowball stemmers:

Copyright (c) 2001, Dr Martin Porter Copyright (c) 2002, Richard Boulton All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice,
- \* this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright
- \* notice, this list of conditions and the following disclaimer in the
- \* documentation and/or other materials provided with the distribution.
- \* Neither the name of the copyright holders nor the names of its contributors
- \* may be used to endorse or promote products derived from this software
- \* without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The following license applies to the KStemmer:

Copyright 2003, Center for Intelligent Information Retrieval, University of Massachusetts, Amherst. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. The names "Center for Intelligent Information Retrieval" and

"University of Massachusetts" must not be used to endorse or promote products derived from this software without prior written permission. To obtain permission, contact info@ciir.cs.umass.edu.

THIS SOFTWARE IS PROVIDED BY UNIVERSITY OF MASSACHUSETTS AND OTHER CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The following license applies to the Morfologik project:

Copyright (c) 2006 Dawid Weiss Copyright (c) 2007-2011 Dawid Weiss, Marcin Mikowski All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Morfologik nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. The dictionary comes from Morfologik project. Morfologik uses data from Polish ispell/myspell dictionary hosted at http://www.sjp.pl/slownik/en/ and is licenced on the terms of (inter alia) LGPL and Creative Commons ShareAlike. The part-of-speech tags were added in Morfologik project and are not found in the data from sjp.pl. The tagset is similar to IPI PAN tagset.

---

The following license applies to the Morfeusz project, used by org.apache.lucene.analysis.morfologik.

BSD-licensed dictionary of Polish (SGJP) http://sgjp.pl/morfeusz/

Copyright 2011 Zygmunt Saloni, Wodzimierz Gruszczyski, Marcin Woliski, Robert Woosz

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY COPYRIGHT HOLDERS AS IS AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Morfologik

VERSION: 2.1 PoliMorf BUILD: 2016-02-13 19:37:50+01:00

#### GIT: 6e63b53

Copyright (c) 2016, Marcin Mikowski All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Apache Ivy (TM)

Copyright 2007-2013 The Apache Software Foundation

This product includes software developed by The Apache Software Foundation (http://www.apache.org/).

Portions of Ivy were originally developed by Jayasoft SARL (http://www.jayasoft.fr/) and are licensed to the Apache Software Foundation under the "Software Grant License Agreement"

SSH and SFTP support is provided by the JCraft JSch package, which is open source software, available under the terms of a BSD style license. The original software and related information is available at http://www.jcraft.com/jsch/.

== NOTICE file corresponding to section 4(d) of the Apache License, ==

== Version 2.0, in this case for the Apache Xerces Java distribution. ==

Apache Xerces Java Copyright 1999-2007 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org/).

Portions of this software were originally based on the following:

- software copyright (c) 1999, IBM Corporation., http://www.ibm.com.
- software copyright (c) 1999, Sun Microsystems., http://www.sun.com.
- voluntary contributions made by Paul Eng on behalf of the Apache Software Foundation that were originally developed at iClick, Inc., software copyright (c) 1999.

UIMA Base: uimaj-core Copyright 2006-2010 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (http://www.apache.org/).

Portions of Apache UIMA were originally developed by International Business Machines Corporation and are licensed to the Apache Software Foundation under the "Software Grant License Agreement", informally known as the "IBM UIMA License Agreement". Copyright (c) 2003, 2006 IBM Corporation. javax.servlet-\*.jar is under the CDDL license, the original source code for this can be found at http://www.eclipse.org/jetty/downloads.php Apache Commons Compress Copyright 2002-2011 The Apache Software Foundation

This product includes software developed by The Apache Software Foundation (http://www.apache.org/). morfologik-ukrainian-search is a POS tag dictionary in morfologik format adjusted for searching. It's part of dict\_uk project (https://github.com/brown-uk/dict\_uk)

Note: to better fit into full-text search model this dictionary has all word forms in lower case but keeps lemmas for proper nouns in upper case.

Licensed under Apache License 2.0.

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

# TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

# 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by

the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution." "Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained

within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be

liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

This project contains annotations derived from JCIP-ANNOTATIONS Copyright (c) 2005 Brian Goetz and Tim Peierls. See http://www.jcip.net and the Creative Commons Attribution License (http://creativecommons.org/licenses/by/2.5) BSD-licensed dictionary of Polish (Morfologik)

VERSION: 2.1 PoliMorf BUILD: 2016-02-13 19:37:50+01:00 GIT: 6e63b53

Copyright (c) 2016, Marcin Mikowski All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Copyright (c) 2004-2008 QOS.ch All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE. Apache Commons Codec

Copyright 2002-2011 The Apache Software Foundation

This product includes software developed by The Apache Software Foundation (http://www.apache.org/).

-----

src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java contains test data from http://aspell.sourceforge.net/test/batch0.tab.

Copyright (C) 2002 Kevin Atkinson (kevina@gnu.org). Verbatim copying and distribution of this entire article is permitted in any medium, provided this notice is preserved.

-----

Apache Commons Logging Copyright 2003-2013 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (http://www.apache.org/). Morfologik

VERSION: 2.1 PoliMorf

BUILD: 2016-02-13 19:37:51+01:00 GIT: 6e63b53

Copyright (c) 2016, Marcin Mikowski Wszelkie prawa zastrzeone

Redystrybucja i uywanie, czy to w formie kodu rdowego, czy w formie kodu wykonawczego, s dozwolone pod warunkiem spenienia poniszych warunkw:

- Redystrybucja kodu rdowego musi zawiera powysz not copyrightow, niniejsz list warunkw oraz ponisze owiadczenie o wyczeniu odpowiedzialnoci.
- 2. Redystrybucja kodu wykonawczego musi zawiera powysz not copyrightow, niniejsz list warunkw oraz ponisze owiadczenie o wyczeniu odpowiedzialnoci w dokumentacji i/lub w innych materiaach dostarczanych wraz z kopi oprogramowania.

TO OPROGRAMOWANIE JEST DOSTARCZONE PRZEZ <POSIADACZA PRAW AUTORSKICH> TAKIM, JAKIE JEST. KADA, DOROZUMIANA LUB BEZPOREDNIO WYRAONA GWARANCJA, NIE WYCZAJC DOROZUMIANEJ GWARANCJI PRZYDATNOCI HANDLOWEJ I PRZYDATNOCI DO OKRELONEGO ZASTOSOWANIA, JEST WYCZONA. W ADNYM WYPADKU <POSIADACZE PRAW AUTORSKICH> NIE MOG BY ODPOWIEDZIALNI ZA JAKIEKOLWIEK BEZPOREDNIE, POREDNIE, INCYDENTALNE, SPECJALNE, UBOCZNE I WTRNE SZKODY (NIE WYCZAJC OBOWIZKU DOSTARCZENIA PRODUKTU ZASTPCZEGO LUB SERWISU, ODPOWIEDZIALNOCI Z TYTUU UTRATY WALORW UYTKOWYCH, UTRATY DANYCH LUB KORZYCI, A TAKE PRZERW W PRACY PRZEDSIBIORSTWA) SPOWODOWANE W JAKIKOLWIEK SPOSB I NA PODSTAWIE ISTNIEJCEJ W TEORII ODPOWIEDZIALNOCI KONTRAKTOWEJ, CAKOWITEJ LUB DELIKTOWEJ (WYNIKEJ ZARWNO Z NIEDBALSTWA JAK INNYCH POSTACI WINY), POWSTAE W JAKIKOLWIEK SPOSB W WYNIKU UYWANIA LUB MAJCE ZWIZEK Z UYWANIEM OPROGRAMOWANIA, NAWET JELI O MOLIWOCI POWSTANIA TAKICH SZKD OSTRZEONO.

\_\_\_\_\_

==

==

==

- == NOTICE file corresponding to the section 4 d of == the Apache License, Version 2.0,
- == the Apache License, version 2.0,
- == in this case for the Apache Ant distribution.

Apache Ant Copyright 1999-2008 The Apache Software Foundation

This product includes software developed by The Apache Software Foundation (http://www.apache.org/).

This product includes also software developed by :

- the W3C consortium (http://www.w3c.org) ,

- the SAX project (http://www.saxproject.org)

The <sync> task is based on code Copyright (c) 2002, Landmark

Graphics Corp that has been kindly donated to the Apache Software Foundation.

Portions of this software were originally based on the following:

- software copyright (c) 1999, IBM Corporation., http://www.ibm.com.
- software copyright (c) 1999, Sun Microsystems., http://www.sun.com.
- voluntary contributions made by Paul Eng on behalf of the Apache Software Foundation that were originally developed at iClick, Inc., software copyright (c) 1999.

Apache OpenNLP Maxent Copyright 2013 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (http://www.apache.org/).

UIMA Annotator: WhitespaceTokenizer Copyright 2006-2010 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (http://www.apache.org/).

Apache OpenNLP Tools Copyright 2015 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (http://www.apache.org/). Apache Lucene Copyright 2001-2018 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (http://www.apache.org/).

Includes software from other Apache Software Foundation projects, including, but not limited to:

- Apache Ant
- Apache Jakarta Regexp
- Apache Commons
- Apache Xerces

ICU4J, (under analysis/icu) is licensed under an MIT styles license and Copyright (c) 1995-2008 International Business Machines Corporation and others

Some data files (under analysis/icu/src/data) are derived from Unicode data such as the Unicode Character Database. See http://unicode.org/copyright.html for more details.

Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is

BSD-licensed, created by Anders Mller. See http://www.brics.dk/automaton/

The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were automatically generated with the moman/finenight FSA library, created by Jean-Philippe Barrette-LaPierre. This library is available under an MIT license, see http://sites.google.com/site/rrettesite/moman and http://bitbucket.org/jpbarrette/moman/overview/

The class org.apache.lucene.util.WeakIdentityMap was derived from the Apache CXF project and is Apache License 2.0.

The Google Code Prettify is Apache License 2.0. See http://code.google.com/p/google-code-prettify/

JUnit (junit-4.10) is licensed under the Common Public License v. 1.0 See http://junit.sourceforge.net/cpl-v10.html

This product includes code (JaspellTernarySearchTrie) from Java Spelling Checkin g Package (jaspell): http://jaspell.sourceforge.net/ License: The BSD License (http://www.opensource.org/licenses/bsd-license.php)

The snowball stemmers in analysis/common/src/java/net/sf/snowball were developed by Martin Porter and Richard Boulton. The snowball stopword lists in analysis/common/src/resources/org/apache/lucene/analysis/snowball were developed by Martin Porter and Richard Boulton. The full snowball package is available from http://snowball.tartarus.org/

The KStem stemmer in analysis/common/src/org/apache/lucene/analysis/en was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst) under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, Hindi and Bengali analyzers (common) come with a default stopword list that is BSD-licensed created by Jacques Savoy. These files reside in: analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt, analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt, analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt, analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt, analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt, analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt, analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt, analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt, analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt, analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt, analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt, analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt, analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt, analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt

The German, Spanish, Finnish, French, Hungarian, Italian, Portuguese, Russian and Swedish light stemmers (common) are based on BSD-licensed reference implementations created by Jacques Savoy and Ljiljana Dolamic. These files reside in:

analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java analysis/common/src/java/org/apache/lucene/analysis/it/PortugueseLightStemmer.java analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed software developed by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil, and Edmond Nolan.

The Polish analyzer (stempel) comes with a default stopword list that is BSD-licensed created by the Carrot2 project. The file resides in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt. See http://project.carrot2.org/license.html.

The SmartChineseAnalyzer source code (smartcn) was provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode\_\*.java (under modules/analysis/common/src/test/) is derived from Unicode data such as the Unicode Character Database. See http://unicode.org/copyright.html for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software developed by Dawid Weiss and Marcin Mikowski (http://morfologik.blogspot.com/).

Morfologik uses data from Polish ispell/myspell dictionary (http://www.sjp.pl/slownik/en/) licenced on the terms of (inter alia) LGPL and Creative Commons ShareAlike.

Morfologic includes data from BSD-licensed dictionary of Polish (SGJP) (http://sgjp.pl/morfeusz/)

Servlet-api.jar and javax.servlet-\*.jar are under the CDDL license, the original source code for this can be found at http://www.eclipse.org/jetty/downloads.php

Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration

This software includes a binary and/or source version of data from

mecab-ipadic-2.7.0-20070801

#### which can be obtained from

http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz

or

http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz

mecab-ipadic-2.7.0-20070801 Notice

Nara Institute of Science and Technology (NAIST), the copyright holders, disclaims all warranties with regard to this software, including all implied warranties of merchantability and fitness, in no event shall NAIST be liable for any special, indirect or consequential damages or any damages whatsoever resulting from loss of use, data or profits, whether in an action of contract, negligence or other tortuous action, arising out of or in connection with the use or performance of this software.

A large portion of the dictionary entries originate from ICOT Free Software. The following conditions for ICOT Free Software applies to the current dictionary as well.

Each User may also freely distribute the Program, whether in its original form or modified, to any third party or parties, PROVIDED that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear on, or be attached to, the Program, which is distributed substantially in the same form as set out herein and that such intended distribution, if actually made, will neither violate or otherwise contravene any of the laws and regulations of the countries having jurisdiction over the User or the intended distribution itself.

#### NO WARRANTY

The program was produced on an experimental basis in the course of the research and development conducted during the project and is provided to users as so produced on an experimental basis. Accordingly, the program is provided without any warranty whatsoever, whether express, implied, statutory or otherwise. The term "warranty" used herein includes, but is not limited to, any warranty of the quality, performance, merchantability and fitness for a particular purpose of the program and the nonexistence of any infringement or violation of any right of any third party.

Each user of the program will agree and understand, and be deemed to

have agreed and understood, that there is no warranty whatsoever for the program and, accordingly, the entire risk arising from or otherwise connected with the program is assumed by the user.

Therefore, neither ICOT, the copyright holder, or any other organization that participated in or was otherwise related to the development of the program and their respective officials, directors, officers and other employees shall be held liable for any and all damages, including, without limitation, general, special, incidental and consequential damages, arising out of or otherwise in connection with the use or inability to use the program or any product, material or result produced or otherwise obtained by using the program, regardless of whether they have been advised of, or otherwise had knowledge of, the possibility of such damages at any time during the project or thereafter. Each user will be deemed to have agreed to the foregoing by his or her commencement of use of the program. The term "use" as used herein includes, but is not limited to, the use, modification, copying and distribution of the program and the production of secondary products from the program.

In the case where the program, whether in its original form or modified, was distributed or delivered to or received by a user from any person, organization or entity other than ICOT, unless it makes or grants independently of ICOT any specific warranty to the user in writing, such person, organization or entity, will also be exempted from and not be held liable to the user for any such damages as noted above as far as the program is concerned.

Nori Korean Morphological Analyzer - Apache Lucene Integration

This software includes a binary and/or source version of data from

mecab-ko-dic-2.0.3-20170922

\_\_\_\_\_

which can be obtained from

https://bitbucket.org/eunjeon/mecab-ko-dic/downloads/mecab-ko-dic-2.0.3-20170922.tar.gz

\_\_\_\_\_

3 Y Z[;] (^ (\_`a b cdedf gh ij) k l- m. n/ o0 p1 q2 r3 s4 t5 u6 v7 wxSETUID PERMISSIONInnerClassesHLorg/apache/commons/compress/archivers/dump/DumpArchiveEntry\$PERMISSION; SETGUISTICKY USER READ

USER WRITE USER EXEC

GROUP\_READGROUP\_WRITE

GROUP\_EXEC

WORLD\_READWORLD\_WRITE

WORLD\_EXECcodeI\$VALUESI[Lorg/apache/commons/compress/archivers/dump/DumpArchiveEntry\$PERMISS ION;valuesK()[Lorg/apache/commons/compress/archivers/dump/DumpArchiveEntry\$PERMISSION;CodeLineNu mberTablevalueOf\(Ljava/lang/String;)Lorg/apache/commons/compress/archivers/dump/DumpArchiveEntry\$PER MISSION;LocalVariableTablenameLjava/lang/String;<init>(Ljava/lang/String;II)Vthis

Signature(I)Vfind(I)Ljava/util/Set;psetLjava/util/Set;LocalVariableTypeTableYLjava/util/Set<Lorg/apache/common s/compress/archivers/dump/DumpArchiveEntry\$PERMISSION;>;

StackMapTabley\(I)Ljava/util/Set<Lorg/apache/commons/compress/archivers/dump/DumpArchiveEntry\$PERMISS ION;>;<clinit>()VZLjava/lang/Enum<Lorg/apache/commons/compress/archivers/dump/DumpArchiveEntry\$PERM ISSION;>;

SourceFileDumpArchiveEntry.java:;;z{|Forg/apache/commons/compress/archivers/dump/DumpArchiveEntry\$PER MISSION@}E~89java/util/HashSetEU<=yEF),-,.,/,0,1,2,3,4,5,6,7,java/lang/Enum

java/util/Setclone()Ljava/lang/Object;;org/apache/commons/compress/archivers/dump/DumpArchiveEntry5(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Enum;(Ljava/lang/String;I)Vadd(Ljava/lang/Object;)ZisEmpty()Zjava/util/CollectionsemptySet()Ljava/util/Set;java/util/EnumSetcopyOf+(Ljava/util/Collection;)Ljava/util/EnumSet;@1(@), @-,@.,@/,@0,@1,@2,@3,@4,@5,@6,@7,89:; <=>"

This product includes data from BSD-licensed dictionary of Polish (Morfologik, PoliMorf) (http://morfologik.blogspot.com/) CyberNeko HTML Parser (C) Copyright 2002-2009, Andy Clark, Marc Guillemot. All rights reserved.

NekoHTML is a simple HTML scanner and tag balancer that enables application programmers to parse HTML documents and access the information using standard XML interfaces. The parser can scan HTML files and "fix up" many common mistakes that human (and computer) authors make in writing HTML documents. NekoHTML adds missing parent elements; automatically closes elements with optional end tags; and can handle mismatched inline element tags.

NekoHTML is written using the Xerces Native Interface (XNI) that is the foundation of the Xerces2 implementation. This enables you to use the NekoHTML parser with existing XNI tools without modification or rewriting code.

Copyright (c) 2012 France Tlcom All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- 3. Neither the name of the copyright holders nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Eclipse Distribution License - v 1.0

Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

# THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED

WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

> Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

## 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object

form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

### END OF TERMS AND CONDITIONS

#### APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

-----

License for JCraft JSch package

\_\_\_\_\_

Copyright (c) 2002,2003,2004,2005,2006,2007 Atsuhiko Yamanaka, JCraft,Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- 3. The names of the authors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED ``AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL JCRAFT, INC. OR ANY CONTRIBUTORS TO THIS SOFTWARE BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. -----

License for jQuery

-----

Copyright (c) 2007 John Resig, http://jquery.com/

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

== SLF4J Notice -- http://www.slf4j.org/license.html ==

Copyright (c) 2004-2008 QOS.ch All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE. Apache HttpComponents Client Copyright 1999-2011 The Apache Software Foundation

This product includes software developed by The Apache Software Foundation (http://www.apache.org/).

This project contains annotations derived from JCIP-ANNOTATIONS Copyright (c) 2005 Brian Goetz and Tim Peierls. See http://www.jcip.net This product includes BSD-licensed software developed by Dawid Weiss and Marcin Mikowski (http://morfologik.blogspot.com/). JUnit (under lib/junit-4.10.jar) is licensed under the Common Public License v. 1.0 See http://junit.sourceforge.net/cpl-v10.html

RandomizedRunner, a JUnit @Runner for randomized tests (and more) Copyright 2011-2012 Carrot Search s.c. http://labs.carrotsearch.com/randomizedtesting.html

This product includes software developed at The Apache Software Foundation (http://www.apache.org/).

This product includes asm (asmlib), BSD license This product includes Google Guava, ASL license This product includes simple-xml, ASL license This product includes Google GSON, ASL license

> Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable

copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and

do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

# 1.87 libjpeg 6b

# 1.87.1 Notifications :

This software is based in part on the work of the Independent JPEG Group.

# 1.87.2 Available under license :

The Independent JPEG Group's JPEG software

README for release 6b of 27-Mar-1998

\_\_\_\_\_

This distribution contains the sixth public release of the Independent JPEG Group's free JPEG software. You are welcome to redistribute this software and to use it for any purpose, subject to the conditions under LEGAL ISSUES, below.

Serious users of this software (particularly those incorporating it into larger programs) should contact IJG at jpeg-info@uunet.uu.net to be added to our electronic mailing list. Mailing list members are notified of updates and have a chance to participate in technical discussions, etc.

This software is the work of Tom Lane, Philip Gladstone, Jim Boucher, Lee Crocker, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Guido Vollbeding, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the official ISO JPEG standards committee.

## DOCUMENTATION ROADMAP

\_\_\_\_\_

This file contains the following sections:

| OVERVIEW                                     | General description of JPEG and the IJG software.    |  |
|----------------------------------------------|------------------------------------------------------|--|
| LEGAL ISSUES                                 | Copyright, lack of warranty, terms of distribution.  |  |
| REFERENCES                                   | Where to learn more about JPEG.                      |  |
| ARCHIVE LOCA                                 | TIONS Where to find newer versions of this software. |  |
| RELATED SOFTWARE Other stuff you should get. |                                                      |  |
| FILE FORMAT WARS Software *not* to get.      |                                                      |  |
| TO DO P                                      | ans for future IJG releases.                         |  |

Other documentation files in the distribution are:

User documentation:

| install.doc                            | How to configure and install the IJG software.              |
|----------------------------------------|-------------------------------------------------------------|
| usage.doc                              | Usage instructions for cjpeg, djpeg, jpegtran,              |
| rdjpgcom, and wrjpgcom.                |                                                             |
| *.1                                    | Unix-style man pages for programs (same info as usage.doc). |
| wizard.doc                             | Advanced usage instructions for JPEG wizards only.          |
| change.log                             | Version-to-version change highlights.                       |
| Programmer and internal documentation: |                                                             |
| libjpeg.doc                            | How to use the JPEG library in your own programs.           |
| example.c                              | Sample code for calling the JPEG library.                   |
| structure.doc                          | • Overview of the JPEG library's internal structure.        |
| filelist.doc                           | Road map of IJG files.                                      |
| coderules.do                           | c Coding style rules please read if you contribute code.    |

Please read at least the files install.doc and usage.doc. Useful information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

#### **OVERVIEW**

\_\_\_\_\_

This package contains C software to implement JPEG image compression and decompression. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images. JPEG is intended for compressing "real-world" scenes; line drawings, cartoons and other non-realistic images are not its strong suit. JPEG is lossy, meaning that the output image is not exactly identical to the input image. Hence you must not use JPEG if you have to have identical output bits. However, on typical photographic images, very good compression levels can be obtained with no visible change, and remarkably high compression levels are possible if you can tolerate a low-quality image. For more details, see the references, or just experiment with various compression settings.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. For legal reasons, we are not distributing code for the arithmetic-coding variants of JPEG; see LEGAL ISSUES. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application. We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular,

the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

We welcome the use of this software as a component of commercial products. No royalty is required, but we do ask for an acknowledgement in product documentation, as described under LEGAL ISSUES.

### LEGAL ISSUES

\_\_\_\_\_

In plain English:

- 1. We don't promise that this software works. (But if you find any bugs, please let us know!)
- 2. You can use this software for whatever you want. You don't have to pay us.
- 3. You may not pretend that you wrote this software. If you use it in a program, you must acknowledge somewhere in your documentation that you've used the IJG code.

In legalese:

The authors make NO WARRANTY or representation, either express or implied, with respect to this software, its quality, accuracy, merchantability, or fitness for a particular purpose. This software is provided "AS IS", and you, its user, assume the entire risk as to its quality and accuracy.

This software is copyright (C) 1991-1998, Thomas G. Lane. All Rights Reserved except as specified below.

Permission is hereby granted to use, copy, modify, and distribute this software (or portions thereof) for any purpose, without fee, subject to these conditions:

(1) If any part of the source code for this software is distributed, then this README file must be included, with this copyright and no-warranty notice unaltered; and any additions, deletions, or changes to the original files must be clearly indicated in accompanying documentation.

(2) If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the Independent JPEG Group".

(3) Permission for use of this software is granted only if the user accepts full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to

acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name in advertising or publicity relating to this software or products derived from it. This software may be referred to only as "the Independent JPEG Group's software".

We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are assumed by the product vendor.

ansi2knr.c is included in this distribution by permission of L. Peter Deutsch, sole proprietor of its copyright holder, Aladdin Enterprises of Menlo Park, CA. ansi2knr.c is NOT covered by the above copyright and conditions, but instead by the usual distribution terms of the Free Software Foundation; principally, that you must include source code if you redistribute it. (See the file ansi2knr.c for full details.) However, since ansi2knr.c is not needed as part of any program generated from the IJG code, this does not limit you more than the foregoing paragraphs do.

The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

#### We are required to state that

"The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CompuServe Incorporated."

#### REFERENCES

\_\_\_\_\_

We highly recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at ftp://ftp.uu.net/graphics/jpeg/wallace.ps.gz. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The best full description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US\$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2). This is by far the most complete exposition of JPEG in existence, and we highly recommend it.

The JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging \$95 for Part 1 and \$47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of

Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

Some extensions to the original JPEG standard are defined in JPEG Part 3, a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG currently does not support any Part 3 extensions.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. A copy of the JFIF spec is available from: Literature Department C-Cube Microsystems, Inc. 1778 McCarthy Blvd. Milpitas, CA 95035 phone (408) 944-6300, fax (408) 944-6314 A PostScript version of this document is available by FTP at ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz. There is also a plain text version at ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from ftp.sgi.com or from ftp://ftp.uu.net/graphics/jpeg/. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note. libtiff is available from ftp://ftp.sgi.com/graphics/tiff/.

# ARCHIVE LOCATIONS

\_\_\_\_\_

The "official" archive site for this software is ftp.uu.net (Internet address 192.48.96.9). The most recent released version can always be found there in directory graphics/jpeg. This particular version will be archived as ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz. If you don't have direct Internet access, UUNET's archives are also available via UUCP; contact help@uunet.uu.net for information on retrieving files that way.

Numerous Internet sites maintain copies of the UUNET files. However, only ftp.uu.net is guaranteed to have the latest official version.

You can also obtain this software in DOS-compatible "zip" archive format from the SimTel archives (ftp://ftp.simtel.net/pub/simtelnet/msdos/graphics/), or

on CompuServe in the Graphics Support forum (GO CIS:GRAPHSUP), library 12 "JPEG Tools". Again, these versions may sometimes lag behind the ftp.uu.net release.

The JPEG FAQ (Frequently Asked Questions) article is a useful source of general information about JPEG. It is updated constantly and therefore is not included in this distribution. The FAQ is posted every two weeks to Usenet newsgroups comp.graphics.misc, news.answers, and other groups. It is available on the World Wide Web at http://www.faqs.org/faqs/jpeg-faq/ and other news.answers archive sites, including the official news.answers archive at rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/. If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body

send usenet/news.answers/jpeg-faq/part1 send usenet/news.answers/jpeg-faq/part2

#### RELATED SOFTWARE

\_\_\_\_\_

Numerous viewing and image manipulation programs now support JPEG. (Quite a few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBMPLUS software, which provides many useful operations on PPM-format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites, notably ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/. Unfortunately PBMPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford, is available from ftp://havefun.stanford.edu/pub/jpeg/. This program is designed for research and experimentation rather than production use; it is slower, harder to use, and less portable than the IJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we do not. (On the other hand, it doesn't do progressive JPEG.)

#### FILE FORMAT WARS

\_\_\_\_\_

Some JPEG programs produce files that are not compatible with our library. The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read. (For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

The file format we have adopted is called JFIF (see REFERENCES). This format has been agreed to by a number of major commercial JPEG vendors, and it has become the de facto standard. JFIF is a minimal or "low end" representation. We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF Technical Note #2) for "high end" applications that need to record a lot of additional data about an image. TIFF/JPEG is fairly new and not yet widely supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

Various proprietary file formats incorporating JPEG compression also exist. We have little or no sympathy for the existence of these formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, open format standards for JPEG files. Don't use a proprietary file format!

#### TO DO

#### \_\_\_\_

The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without sacrificing compatibility.

In future versions, we are considering supporting some of the upcoming JPEG Part 3 extensions --- principally, variable quantization and the SPIFF file format.

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to jpeg-info@uunet.uu.net.

## 1.88 byte-buddy 1.9.3

## 1.89 vertx-web-client 4.0.2

### 1.89.1 Available under license :

Found license 'Eclipse Public License 1.0' in '\* All rights reserved. This program and the accompanying materials \* are made available under the terms of the Eclipse Public License v1.0 \* and Apache License v2.0 which accompanies this distribution. \* The Eclipse Public License is available at \* The Apache License v2.0 is available at \* You may elect to redistribute this code under either of these licenses.' Found license 'Eclipse Public License 1.0' in '\* All rights reserved. This program and the accompanying materials \* are made available under the terms of the Eclipse Public License v1.0 \* and Apache License v2.0 which accompanies this distribution. \* The Eclipse Public License v1.0 \* and Apache License v2.0 which accompanies this distribution. \* The Eclipse Public License is available at \* The Apache License v2.0 is available at \* You may elect to redistribute this code under either of these licenses.' Eclipse Public License v2.0 is available at \* You may elect to redistribute this code under either of these licenses.' Found license v2.0 which accompany elect to redistribute this code under either of these licenses.' Eclipse Public License v2.0 is available at \* You may elect to redistribute this code under either of these licenses.' Found license v2.0 is available at \* You may elect to redistribute this code under either of these licenses.'

under the \* terms of the Eclipse Public License 2.0 which is available at \* http://www.eclipse.org/legal/epl-2.0, or the Apache License, Version 2.0'

## 1.90 activation 1.1

### 1.90.1 Available under license :

Found license 'Common Development and Distribution License (CDDL) 1.1' in 'The contents of this file are subject to the terms of the Common Development and Distribution License (the "License"). You may not use this file except Copyright 2001-2005 Sun Microsystems, Inc. All Rights Reserved.'

Found license 'Common Development and Distribution License (CDDL) 1.1' in '\* The contents of this file are subject to the terms \* of the Common Development and Distribution License \* (the "License"). You may not use this file except \* Copyright 2002-2005 Sun Microsystems, Inc. All Rights Reserved.'

Found license 'Common Development and Distribution License (CDDL) 1.1' in '\* The contents of this file are subject to the terms \* of the Common Development and Distribution License \* (the "License"). You may not use this file except \* Copyright 1997-2005 Sun Microsystems, Inc. All Rights Reserved.'

## 1.91 logback-core 1.3.0-alpha4

### 1.91.1 Available under license :

Found license 'GNU Lesser General Public License' in 'Copyright (C) 1999-2015, QOS.ch. All rights reserved. This program and the accompanying materials are dual-licensed under either the terms of the Eclipse Public License v1.0 as published by under the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation.'

Found license 'Eclipse Public License 1.0' in 'Copyright (C) 1999-2015, QOS.ch. All rights reserved. This program and the accompanying materials are dual-licensed under either the terms of the Eclipse Public License v1.0 as published by under the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation.'

## 1.92 netty-resolver 4.1.52. Final

### 1.92.1 Available under license :

No license file was found, but licenses were detected in source scan.

Copyright 2014 The Netty Project
The Netty Project licenses this file to you under the Apache License,
version 2.0 (the "License"); you may not use this file except in compliance
with the License. You may obtain a copy of the License at:
http://www.apache.org/licenses/LICENSE
2.0

2.0

- ~ Unless required by applicable law or agreed to in writing, software
- ~ distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
- ~ WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
- ~ License for the specific language governing permissions and limitations
- ~ under the License.

Found in path(s):

 $\label{eq:local/PERMITS_SQL/1093815881_1601014548.38/0/netty-resolver-4-1-52-final-sources-jar/META-INF/maven/io.netty/netty-resolver/pom.xml$ 

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2016 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\*/opt/ws\_local/PERMITS\_SQL/1093815881\_1601014548.38/0/netty-resolver-4-1-52-final-sourcesjar/io/netty/resolver/RoundRobinInetAddressResolver.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2014 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815881\_1601014548.38/0/netty-resolver-4-1-52-final-sourcesjar/io/netty/resolver/AddressResolverGroup.java

\* /opt/ws\_local/PERMITS\_SQL/1093815881\_1601014548.38/0/netty-resolver-4-1-52-final-sourcesjar/io/netty/resolver/NameResolver.java

\* /opt/ws\_local/PERMITS\_SQL/1093815881\_1601014548.38/0/netty-resolver-4-1-52-final-sourcesjar/io/netty/resolver/SimpleNameResolver.java

\* /opt/ws\_local/PERMITS\_SQL/1093815881\_1601014548.38/0/netty-resolver-4-1-52-final-sourcesjar/io/netty/resolver/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815881\_1601014548.38/0/netty-resolver-4-1-52-final-sources-jar/io/netty/resolver/NoopAddressResolverGroup.java

\* /opt/ws\_local/PERMITS\_SQL/1093815881\_1601014548.38/0/netty-resolver-4-1-52-final-sources-jar/io/netty/resolver/NoopAddressResolver.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2017 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815881\_1601014548.38/0/netty-resolver-4-1-52-final-sources-

jar/io/netty/resolver/HostsFileEntries.java

\* /opt/ws\_local/PERMITS\_SQL/1093815881\_1601014548.38/0/netty-resolver-4-1-52-final-sourcesjar/io/netty/resolver/ResolvedAddressTypes.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2015 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815881\_1601014548.38/0/netty-resolver-4-1-52-final-sources-jar/io/netty/resolver/HostsFileEntriesResolver.java

\* /opt/ws\_local/PERMITS\_SQL/1093815881\_1601014548.38/0/netty-resolver-4-1-52-final-sources-jar/io/netty/resolver/AbstractAddressResolver.java

\* /opt/ws\_local/PERMITS\_SQL/1093815881\_1601014548.38/0/netty-resolver-4-1-52-final-sources-jar/io/netty/resolver/HostsFileParser.java

\* /opt/ws\_local/PERMITS\_SQL/1093815881\_1601014548.38/0/netty-resolver-4-1-52-final-sources-jar/io/netty/resolver/InetNameResolver.java

\* /opt/ws\_local/PERMITS\_SQL/1093815881\_1601014548.38/0/netty-resolver-4-1-52-final-sourcesjar/io/netty/resolver/InetSocketAddressResolver.java

\* /opt/ws\_local/PERMITS\_SQL/1093815881\_1601014548.38/0/netty-resolver-4-1-52-final-sourcesjar/io/netty/resolver/DefaultHostsFileEntriesResolver.java

\* /opt/ws\_local/PERMITS\_SQL/1093815881\_1601014548.38/0/netty-resolver-4-1-52-final-sourcesjar/io/netty/resolver/DefaultAddressResolverGroup.java

\* /opt/ws\_local/PERMITS\_SQL/1093815881\_1601014548.38/0/netty-resolver-4-1-52-final-sources-jar/io/netty/resolver/CompositeNameResolver.java

\* /opt/ws\_local/PERMITS\_SQL/1093815881\_1601014548.38/0/netty-resolver-4-1-52-final-sources-jar/io/netty/resolver/AddressResolver.java

\* /opt/ws\_local/PERMITS\_SQL/1093815881\_1601014548.38/0/netty-resolver-4-1-52-final-sources-jar/io/netty/resolver/DefaultNameResolver.java

## 1.93 vertx-pg-client 4.0.2

### 1.93.1 Available under license :

Found license 'Eclipse Public License 1.0' in '\* This program and the accompanying materials are made available under the \* terms of the Eclipse Public License 2.0 which is available at \* http://www.eclipse.org/legal/epl-2.0, or the Apache License, Version 2.0'

## 1.94 apk-tools 2.10.5-r2

### 1.94.1 Available under license :

/\* apk.c - Alpine Package Keeper (APK)

\* Copyright (C) 2005-2008 Natanael Copa <n@tanael.org>

\* Copyright (C) 2008-2011 Timo Teräs <timo.teras@iki.fi>

\* All rights reserved.

\*

\* This program is free software; you can redistribute it and/or modify it

\* under the terms of the GNU General Public License version 2 as published

\* by the Free Software Foundation. See http://www.gnu.org/ for details.

\*/

GNU GENERAL PUBLIC LICENSE Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

#### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does. 1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readablesource code, which must be distributed under the terms of Sections1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt

otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION. 12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.> Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989 Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

## 1.95 zlib 1.2.11

### 1.95.1 Available under license :

/\* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.11, January 15th, 2017

Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

- 1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
- 2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
- 3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly Mark Adler jloup@gzip.org madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files http://tools.ietf.org/html/rfc1950 (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

## 1.96 netty-transport 4.1.52. Final

### 1.96.1 Available under license :

No license file was found, but licenses were detected in source scan.

/\*

- \* Copyright 2013 The Netty Project
- \*
- \* The Netty Project licenses this file to you under the Apache License,
- \* version 2.0 (the "License"); you may not use this file except in compliance
- \* with the License. You may obtain a copy of the License at:

\*

- \* http://www.apache.org/licenses/LICENSE-2.0
- \*
- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
- \* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
- \* License for the specific language governing permissions and limitations
- \* under the License.
- \*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/AbstractEventLoopGroup.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/ChannelOutboundBuffer.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/bootstrap/ChannelFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/ChannelProgressiveFutureListener.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelId.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/ConnectTimeoutException.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/group/ChannelMatchers.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-

jar/io/netty/channel/MessageSizeEstimator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DefaultChannelId.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/group/ChannelMatcher.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/oio/OioSocketChannelConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/SimpleChannelInboundHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/ChannelHandlerAdapter.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/group/ChannelGroup.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/socket/oio/DefaultOioServerSocketChannelConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DefaultChannelProgressivePromise.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DefaultAddressedEnvelope.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/DefaultMessageSizeEstimator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/group/ChannelGroupException.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/ChannelProgressivePromise.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/AddressedEnvelope.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/group/DefaultChannelGroup.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelProgressiveFuture.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/nio/SelectedSelectionKeySet.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2018 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
- \* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
- \* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/SimpleUserEventChannelHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/nio/NioChannelOption.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2019 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

- \* version 2.0 (the "License"); you may not use this file except in compliance
- \* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ExtendedClosedChannelException.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelHandlerMask.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-

jar/io/netty/channel/EventLoopTaskQueueFactory.java

No license file was found, but licenses were detected in source scan.

# The Netty Project licenses this file to you under the Apache License,

# version 2.0 (the "License"); you may not use this file except in compliance

# with the License. You may obtain a copy of the License at:

# http://www.apache.org/licenses/LICENSE-2.0

# distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/META-INF/native-image/io.netty/transport/native-image.properties

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2017 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DelegatingChannelPromiseNotifier.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/internal/ChannelUtils.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/bootstrap/FailedChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/PendingBytesTracker.java

 $* / opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownException.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/internal/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java

 $* / opt/ws_local/PERMITS_SQL/1093815931_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java$ 

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2013 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/oio/OioByteStreamChannel.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2020 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/StacklessClosedChannelException.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2014 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/embedded/EmbeddedChannelId.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/ReflectiveChannelFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/AbstractEventLoop.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/PendingWriteQueue.java

No license file was found, but licenses were detected in source scan.

#### /\*

\* Copyright 2012 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/ /\*\*

\* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in

\* its {@link ChannelPipeline}.

\*

```
* <h3>Sub-types</h3>
```

\*

\* {@link ChannelHandler} itself does not provide many methods, but you usually have to implement one of its subtypes:

\*

\* {@link ChannelInboundHandler} to handle inbound I/O events, and

 $* (link ChannelOutboundHandler} to handle outbound I/O operations.$ 

\*

\*

\*

\* Alternatively, the following adapter classes are provided for your convenience:

```
*
```

```
* { @link ChannelInboundHandlerAdapter } to handle inbound I/O events,
```

```
* {@link ChannelOutboundHandlerAdapter} to handle outbound I/O operations, and
```

```
* {@link ChannelDuplexHandler} to handle both inbound and outbound events
```

```
*
```

```
*
```

\*

```
* For more information, please refer to the documentation of each subtype.
```

- \*
- \*

```
* <h3>The context object</h3>
```

\*

```
* A {@link ChannelHandler} is provided with a {@link ChannelHandlerContext}
```

```
* object. A {@link ChannelHandler} is supposed to interact with the
```

\* {@link ChannelPipeline} it belongs to via a context object. Using the

```
* context object, the {@link ChannelHandler} can pass events upstream or
```

```
* downstream, modify the pipeline dynamically, or store the information
```

```
* (using {@link AttributeKey}s) which is specific to the handler.
```

\*

```
* <h3>State management</h3>
```

\*

```
* A {@link ChannelHandler} often needs to store some stateful information.
```

```
* The simplest and recommended approach is to use member variables:
```

\*

```
* public interface Message {
```

```
* // your methods here
```

```
* }
```

```
* public class DataServerHandler extends { @link SimpleChannelInboundHandler } <Message&gt; {
```

```
*
```

```
* <b>private boolean loggedIn;</b>
```

\*

\*

\*

```
* {@code @Override}
```

```
* public void channelRead0({@link ChannelHandlerContext} ctx, Message message) {
```

```
* if (message instanceof LoginMessage) {
```

```
* authenticate((LoginMessage) message);
```

```
* <b>loggedIn = true;</b>
```

```
* } else (message instanceof GetDataMessage) {
```

```
* if (<b>loggedIn</b>) {
```

```
ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
```

```
* } else {
```

```
fail();
```

```
* }
```

```
* }
```

\* }

```
* ...
* }
```

```
*
```

```
* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where a unauthenticated client can get
* the confidential information:
* 
* // Create a new handler instance per channel.
* // See { @link ChannelInitializer#initChannel(Channel) }.
* public class DataServerInitializer extends {@link ChannelInitializer}<{@link Channel}&gt; {
    {@code @Override}
*
   public void initChannel({@link Channel} channel) {
*
      channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*
    }
* }
* 
*
* <h4>Using { @link AttributeKey}s</h4>
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use {@link AttributeKey}s which is provided by
* {@link ChannelHandlerContext}:
* 
* public interface Message {
   // your methods here
* }
*
* {@code @Sharable}
* public class DataServerHandler extends { @link SimpleChannelInboundHandler } < Message & gt; {
    private final {@link AttributeKey}<{@link Boolean}&gt; auth =
*
       {@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
*
    {@code @Override}
*
   public void channelRead({@link ChannelHandlerContext} ctx, Message message) {
*
      {@link Attribute}<{@link Boolean}&gt; attr = ctx.attr(auth);
*
      if (message instanceof LoginMessage) {
*
         authenticate((LoginMessage) o);
*
         <b>attr.set(true)</b>;
*
      } else (message instanceof GetDataMessage) {
*
        if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*
           ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*
         } else {
           fail();
*
         }
*
      }
    }
* }
```

```
Open Source Used In Edge Intelligence Cloud_2.2 706
```

\*

\* Now that the state of the handler is attached to the {@link ChannelHandlerContext}, you can add the

```
* same handler instance to different pipelines:
```

\*

```
* public class DataServerInitializer extends {@link ChannelInitializer}<{@link Channel}&gt; {
```

\*

- \* private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
- \*
- \* {@code @Override}
- \* public void initChannel({@link Channel} channel) {
- \* channel.pipeline().addLast("handler", <b>SHARED</b>);
- \* }
- \* }

```
*
```

- ~
- \* <h4>The {@code @Sharable} annotation</h4>

\*

- \* In the example above which used an {@link AttributeKey},
- \* you might have noticed the {@code @Sharable} annotation.

\*

- \* If a {@link ChannelHandler} is annotated with the {@code @Sharable}
- \* annotation, it means you can create an instance of the handler just once and
- \* add it to one or more {@link ChannelPipeline}s multiple times without
- \* a race condition.
- \*
- \* If this annotation is not specified, you have to create a new handler
- \* instance every time you add it to a pipeline because it has unshared state
- \* such as member variables.

\*

- \* This annotation is provided for documentation purpose, just like
- \* <a href="http://www.javaconcurrencyinpractice.com/annotations/doc/">the JCIP annotations</a>.

\*

- \* <h3>Additional resources worth reading</h3>
- \*
- \* Please refer to the {@link ChannelHandler}, and
- \* {@link ChannelPipeline} to find out more about inbound and outbound operations,
- \* what fundamental differences they have, how they flow in a pipeline, and how to handle
- \* the operation in your application.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelHandler.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2014 The Netty Project

\*

- \* The Netty Project licenses this file to you under the Apache License,
- \* version 2.0 (the "License"); you may not use this file except in compliance

```
* with the License. You may obtain a copy of the License at:
```

\*

- \* http://www.apache.org/licenses/LICENSE-2.0
- \*
- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
- \* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
- \* License for the specific language governing permissions and limitations
- \* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/DefaultChannelHandlerContext.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2012 The Netty Project

\*

- \* The Netty Project licenses this file to you under the Apache License,
- \* version 2.0 (the "License"); you may not use this file except in compliance
- \* with the License. You may obtain a copy of the License at:
- \*
- \* http://www.apache.org/licenses/LICENSE-2.0
- \*
- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
- \* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
- \* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/FixedRecvByteBufAllocator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelInitializer.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/bootstrap/AbstractBootstrap.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/socket/DefaultServerSocketChannelConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/local/LocalAddress.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/EventLoopException.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/CombinedChannelDuplexHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/Channel/Config.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/Channel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelOption.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/nio/AbstractNioChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ServerChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelFuture.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/local/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/DatagramChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/nio/AbstractNioByteChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/oio/AbstractOioByteChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/EventLoopGroup.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/embedded/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/bootstrap/Bootstrap.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/VoidChannelPromise.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/nio/NioDatagramChannelConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/ChannelInboundHandlerAdapter.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/DefaultFileRegion.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/socket/DatagramChannelConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/local/LocalServerChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/socket/nio/NioDatagramChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/bootstrap/ServerBootstrap.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DefaultChannelPromise.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/local/LocalEventLoopGroup.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/AbstractChannelHandlerContext.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelOutboundHandlerAdapter.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/nio/NioEventLoopGroup.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/oio/OioEventLoopGroup.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/socket/DefaultDatagramChannelConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/bootstrap/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/SocketChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/socket/ServerSocketChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/CompleteChannelFuture.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DefaultChannelConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/ChannelPromise.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelPromiseNotifier.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/SucceededChannelFuture.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/socket/nio/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/socket/DatagramPacket.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/SingleThreadEventLoop.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/embedded/EmbeddedEventLoop.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/FileRegion.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/ChannelPipelineException.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/EventLoop.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/ThreadPerChannelEventLoopGroup.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/nio/AbstractNioMessageChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/oio/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/package-info.java \* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelFutureListener.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/group/DefaultChannelGroupFuture.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DefaultEventLoop.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/oio/AbstractOioChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/nio/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/oio/OioSocketChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DefaultChannelPipeline.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/MultithreadEventLoopGroup.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DefaultEventLoopGroup.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/socket/InternetProtocolFamily.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/ThreadPerChannelEventLoop.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/group/ChannelGroupFuture.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/nio/ProtocolFamilyConverter.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/socket/oio/OioServerSocketChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelDuplexHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelPipeline.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/group/CombinedIterator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/socket/oio/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/local/LocalChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/FailedChannelFuture.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/ChannelFlushPromiseNotifier.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/group/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/AbstractServerChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/embedded/EmbeddedSocketAddress.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/RecvByteBufAllocator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/DefaultSocketChannelConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownEvent.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelInboundHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/socket/nio/NioServerSocketChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/SocketChannelConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/group/ChannelGroupFutureListener.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/local/LocalChannelRegistry.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/AbstractChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelMetadata.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/ChannelHandlerContext.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/nio/NioTask.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/nio/NioSocketChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/ChannelPromiseAggregator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelException.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelOutboundHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/socket/ServerSocketChannelConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/socket/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/embedded/EmbeddedChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/AdaptiveRecvByteBufAllocator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/oio/AbstractOioMessageChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/nio/NioEventLoop.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannel.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2015 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/pool/AbstractChannelPoolMap.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/pool/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/pool/ChannelPoolHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/pool/ChannelPool.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/pool/ChannelPoolMap.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/pool/FixedChannelPool.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DefaultMaxMessagesRecvByteBufAllocator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/pool/ChannelHealthChecker.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/MaxBytesRecvByteBufAllocator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/pool/SimpleChannelPool.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/MaxMessagesRecvByteBufAllocator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DefaultMaxBytesRecvByteBufAllocator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/pool/AbstractChannelPoolHandler.java

No license file was found, but licenses were detected in source scan.

\* Copyright 2016 The Netty Project

\*

<sup>/\*</sup> 

- \* The Netty Project licenses this file to you under the Apache License,
- \* version 2.0 (the "License"); you may not use this file except in compliance
- \* with the License. You may obtain a copy of the License at:
- \*

\* http://www.apache.org/licenses/LICENSE-2.0

- \*
- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
- \* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
- \* License for the specific language governing permissions and limitations
- \* under the License.
- \*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/WriteBufferWaterMark.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/bootstrap/ServerBootstrapConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DefaultSelectStrategyFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/PreferHeapByteBufAllocator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelOutboundInvoker.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/bootstrap/BootstrapConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/socket/DuplexChannel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelInboundInvoker.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/bootstrap/AbstractBootstrapConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/DefaultSelectStrategy.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/SelectStrategyFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sourcesjar/io/netty/channel/SelectStrategy.java

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/group/VoidChannelGroupFuture.java

No license file was found, but licenses were detected in source scan.

~ Copyright 2012 The Netty Project

~

 $\sim$  The Netty Project licenses this file to you under the Apache License,

~ version 2.0 (the "License"); you may not use this file except in compliance

~ with the License. You may obtain a copy of the License at:

~

~ http://www.apache.org/licenses/LICENSE

2.0

- ~ Unless required by applicable law or agreed to in writing, software
- ~ distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
- ~ WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
- ~ License for the specific language governing permissions and limitations
- ~ under the License.

#### Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/META-INF/maven/io.netty/netty-transport/pom.xml

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2017 The Netty Project

\*

- \* The Netty Project licenses this file to you under the Apache License, version 2.0 (the
- \* "License"); you may not use this file except in compliance with the License. You may obtain a
- \* copy of the License at:
- \*
- \* http://www.apache.org/licenses/LICENSE-2.0
- \*
- \* Unless required by applicable law or agreed to in writing, software distributed under the License
- \* is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express
- \* or implied. See the License for the specific language governing permissions and limitations under \* the License.
- \*/

Found in path(s):

 $\label{eq:local/PERMITS_SQL/1093815931_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/AbstractCoalescingBufferQueue.java$ 

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2015 The Netty Project

\*

- \* The Netty Project licenses this file to you under the Apache License, version 2.0 (the
- \* "License"); you may not use this file except in compliance with the License. You may obtain a
- \* copy of the License at:
- \*
- \* http://www.apache.org/licenses/LICENSE-2.0

\*

- \* Unless required by applicable law or agreed to in writing, software distributed under the License
- \* is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express
- \* or implied. See the License for the specific language governing permissions and limitations under

```
* the License.
*/
```

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815931\_1601014618.02/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/CoalescingBufferQueue.java

## 1.97 commons-csv 1.8

### 1.97.1 Available under license :

Apache Commons CSV Copyright 2005-2020 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (https://www.apache.org/).

> Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but

not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their

Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

# 1.98 bouncycastle-fips 1.0.2

### 1.98.1 Available under license :

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

# 1.99 netty-resolver-dns 4.1.52.Final

### 1.99.1 Available under license :

No license file was found, but licenses were detected in source scan.

#### /\*

- \* Copyright 2018 The Netty Project
- \*
- \* The Netty Project licenses this file to you under the Apache License,
- \* version 2.0 (the "License"); you may not use this file except in compliance
- \* with the License. You may obtain a copy of the License at:
- \*
- \* http://www.apache.org/licenses/LICENSE-2.0
- \*
- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
- \* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
- \* License for the specific language governing permissions and limitations
- \* under the License.
- \*/

Found in path(s):

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/NoopAuthoritativeDnsServerCache.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/NoopDnsCnameCache.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/DnsCnameCache.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/DefaultDnsCnameCache.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/DnsAddressResolveContext.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/NameServerComparator.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/DirContextUtils.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/DnsAddressDecoder.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/AuthoritativeDnsServerCache.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/AuthoritativeDnsServerCacheAdapter.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/DefaultAuthoritativeDnsServerCache.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-

jar/io/netty/resolver/dns/Cache.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/DnsRecordResolveContext.java No license file was found, but licenses were detected in source scan.

~ Copyright 2014 The Netty Project

~ The Netty Project licenses this file to you under the Apache License,

~ version 2.0 (the "License"); you may not use this file except in compliance

~ with the License. You may obtain a copy of the License at:

~

~ http://www.apache.org/licenses/LICENSE

2.0

~ Unless required by applicable law or agreed to in writing, software

~ distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

~ WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

~ License for the specific language governing permissions and limitations

~ under the License.

Found in path(s):

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/META-INF/maven/io.netty/netty-resolver-dns/pom.xml

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2020 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/UnixResolverOptions.java

jar/io/netty/resolver/dns/LoggingDnsQueryLifeCycleObserverFactory. java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2015 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/SequentialDnsServerAddressStream.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/DnsNameResolverBuilder.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/ShuffledDnsServerAddressStream.java

 $* / opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/RotationalDnsServerAddresses.java$ 

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/DnsServerAddressStream.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/DnsQueryContextManager.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/DnsNameResolverException.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/SingletonDnsServerAddresses.java

 $* / opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/DefaultDnsServerAddresses.java$ 

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2014 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/package-info.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/DnsResolveContext.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/DnsServerAddresses.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/DnsNameResolver.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/DnsAddressResolverGroup.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/DnsQueryContext.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2016 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/DefaultDnsCache.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/DnsCache.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/InflightNameResolver.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/NoopDnsCache.java

 $* / opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/RoundRobinDnsAddressResolverGroup.java$ 

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2017 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/UnixResolverDnsServerAddressStreamProvider.java \* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/DnsNameResolverTimeoutException.java \*/opt/cola/permits/1166659830 1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/DnsQueryLifecycleObserverFactory.java \*/opt/cola/permits/1166659830 1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/DefaultDnsServerAddressStreamProvider.java \* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/BiDnsQueryLifecycleObserverFactory.java \*/opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/MultiDnsServerAddressStreamProvider.java \* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/LoggingDnsQueryLifecycleObserver.java \* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/UniSequentialDnsServerAddressStreamProvider.java \*/opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/DnsServerAddressStreamProviders.java \* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/NoopDnsQueryLifecycleObserver.java \*/opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/BiDnsQueryLifecycleObserver.java \* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/DnsQueryLifecycleObserver.java \*/opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/NoopDnsQueryLifecycleObserverFactory.java \* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/DnsServerAddressStreamProvider.java \* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/DnsCacheEntry.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/SingletonDnsServerAddressStreamProvider.java
\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/SequentialDnsServerAddressStreamProvider.java
No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2019 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-jar/io/netty/resolver/dns/TcpDnsQueryContext.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sources-

jar/io/netty/resolver/dns/PreferredAddressTypeComparator.java

\* /opt/cola/permits/1166659830\_1621461463.74/0/netty-resolver-dns-4-1-52-final-sourcesjar/io/netty/resolver/dns/DatagramDnsQueryContext.java

## 1.100 jbcrypt 0.4

### 1.100.1 Available under license :

No license file was found, but licenses were detected in source scan.

// Permission to use, copy, modify, and 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.

Found in path(s): \*/opt/cola/permits/115342115\_1646171445.14/0/jbcrypt-0-4-sources-5-jar/org/mindrot/jbcrypt/BCrypt.java

# 1.101 snake-yaml 1.26

### 1.101.1 Available under license :

Found license 'GNU Lesser General Public License' in '// This module is multi-licensed and may be used under the terms // EPL, Eclipse Public License, V1.0 or later, http://www.eclipse.org/legal // LGPL, GNU Lesser General Public License, V2.1 or later, http://www.gnu.org/licenses/lgpl.html // GPL, GNU General Public License, V2 or later, http://www.gnu.org/licenses/gpl.html // AL, Apache License, V2.0 or later, http://www.apache.org/licenses/lgD, BSD, BSD License, http://www.opensource.org/licenses/bsd-license.php Multi-licensed: EPL / LGPL / GPL / AL / BSD.'

Found license 'Eclipse Public License 1.0' in '// This module is multi-licensed and may be used under the terms // EPL, Eclipse Public License, V1.0 or later, http://www.eclipse.org/legal // LGPL, GNU Lesser General Public License, V2.1 or later, http://www.gnu.org/licenses/lgpl.html // GPL, GNU General Public License, V2 or later, http://www.gnu.org/licenses/gpl.html // AL, Apache License, V2.0 or later, http://www.apache.org/licenses // BSD, BSD License, http://www.opensource.org/licenses/bsd-license.php Multi-licensed: EPL / LGPL / GPL / AL / BSD.'

# 1.102 musl 1.1.24-r8

### 1.102.1 Available under license :

musl as a whole is licensed under the following standard MIT license:

Copyright 2005-2019 Rich Felker, et al.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

-----

Authors/contributors include:

A. Wilcox Alex Dowad Alex Suykov Alexander Monakov Andre McCurdy Andrew Kelley Anthony G. Basile Aric Belsito Arvid Picciani Bartosz Brachaczek Benjamin Peterson Bobby Bingham **Boris Brezillon** Brent Cook Chris Spiegel Clment Vasseur **Daniel Micay** Daniel Sabogal Daurnimator David Carlier David Edelsohn Denys Vlasenko Dmitry Ivanov Dmitry V. Levin Drew DeVault **Emil Renner Berthing** Fangrui Song Felix Fietkau Felix Janda Gianluca Anzolin Hauke Mehrtens He X Hiltjo Posthuma Isaac Dunham Jaydeep Patil Jens Gustedt Jeremy Huntwork Jo-Philipp Wich Joakim Sindholt John Spencer Josiah Worcester Julien Ramseier Justin Cormack Kaarle Ritvanen Khem Raj Kylie McClain Leah Neukirchen Luca Barbato Luka Perkov M Farkas-Dyck (Strake) Mahesh Bodapati Markus Wichmann

Masanori Ogino Michael Clark Michael Forney Mikhail Kremnyov Natanael Copa Nicholas J. Kain orc Pascal Cuoq Patrick Oppenlander Petr Hosek Petr Skocik Pierre Carrier Reini Urban **Rich Felker Richard Pennington** Ryan Fairfax Samuel Holland Segev Finer Shiz sin Solar Designer Stefan Kristiansson Stefan O'Rear Szabolcs Nagy Timo Ters Trutz Behn Valentin Ochs Will Dietz William Haddon William Pitcock

Portions of this software are derived from third-party works licensed under terms compatible with the above MIT license:

The TRE regular expression implementation (src/regex/reg\* and src/regex/tre\*) is Copyright 2001-2008 Ville Laurikari and licensed under a 2-clause BSD license (license text in the source files). The included version has been heavily modified by Rich Felker in 2012, in the interests of size, simplicity, and namespace cleanliness.

Much of the math library code (src/math/\* and src/complex/\*) is Copyright 1993,2004 Sun Microsystems or Copyright 2003-2011 David Schultz or Copyright 2003-2009 Steven G. Kargl or Copyright 2003-2009 Bruce D. Evans or Copyright 2008 Stephen L. Moshier or Copyright 2017-2018 Arm Limited and labelled as such in comments in the individual source files. All have been licensed under extremely permissive terms.

The ARM memcpy code (src/string/arm/memcpy\_el.S) is Copyright 2008 The Android Open Source Project and is licensed under a two-clause BSD license. It was taken from Bionic libc, used on Android.

The implementation of DES for crypt (src/crypt/crypt\_des.c) is Copyright 1994 David Burren. It is licensed under a BSD license.

The implementation of blowfish crypt (src/crypt/crypt\_blowfish.c) was originally written by Solar Designer and placed into the public domain. The code also comes with a fallback permissive license for use in jurisdictions that may not recognize the public domain.

The smoothsort implementation (src/stdlib/qsort.c) is Copyright 2011 Valentin Ochs and is licensed under an MIT-style license.

The x86\_64 port was written by Nicholas J. Kain and is licensed under the standard MIT terms.

The mips and microblaze ports were originally written by Richard Pennington for use in the ellcc project. The original code was adapted by Rich Felker for build system and code conventions during upstream integration. It is licensed under the standard MIT terms.

The mips64 port was contributed by Imagination Technologies and is licensed under the standard MIT terms.

The powerpc port was also originally written by Richard Pennington, and later supplemented and integrated by John Spencer. It is licensed under the standard MIT terms.

All other files which have no copyright comments are original works produced specifically for use as part of this library, written either by Rich Felker, the main author of the library, or by one or more contibutors listed above. Details on authorship of individual files can be found in the git version control history of the project. The omission of copyright and license comments in each file is in the interest of source tree size.

In addition, permission is hereby granted for all public header files (include/\* and arch/\*/bits/\*) and crt files intended to be linked into applications (crt/\*, ldso/dlstart.c, and arch/\*/crt\_arch.h) to omit the copyright notice and permission notice otherwise required by the license, and to use these files without any requirement of attribution. These files include substantial contributions from:

Bobby Bingham

John Spencer Nicholas J. Kain Rich Felker Richard Pennington Stefan Kristiansson Szabolcs Nagy

all of whom have explicitly granted such permission.

This file previously contained text expressing a belief that most of the files covered by the above exception were sufficiently trivial not to be subject to copyright, resulting in confusion over whether it negated the permissions granted in the license. In the spirit of permissive licensing, and of not having licensing issues being an obstacle to adoption, that text has been removed.

## **1.103 libtls-standalone 2.9.1-r1** 1.103.1 Available under license :

ISC License (ISC)

Copyright <YEAR> <OWNER>

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.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

## 1.104 netty-codec 4.1.52.Final

### 1.104.1 Available under license :

No license file was found, but licenses were detected in source scan.

- ~ Copyright 2012 The Netty Project
- ~ The Netty Project licenses this file to you under the Apache License,
- ~ version 2.0 (the "License"); you may not use this file except in compliance
- ~ with the License. You may obtain a copy of the License at:
- ~

~ http://www.apache.org/licenses/LICENSE

2.0

- ~ Unless required by applicable law or agreed to in writing, software
- ~ distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
- ~ WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
- ~ License for the specific language governing permissions and limitations
- ~ under the License.

#### Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/META-INF/maven/io.netty/netty-codec/pom.xml

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2014 The Netty Project

\*

- \* The Netty Project licenses this file to you under the Apache License, version 2.0 (the
- \* "License"); you may not use this file except in compliance with the License. You may obtain a
- \* copy of the License at:
- \*
- \* http://www.apache.org/licenses/LICENSE-2.0
- \*
- \* Unless required by applicable law or agreed to in writing, software distributed under the License

\* is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express

\* or implied. See the License for the specific language governing permissions and limitations under \* the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/DefaultHeaders.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/EmptyHeaders.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/Headers.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2019 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

```
* http://www.apache.org/licenses/LICENSE-2.0
```

\*

- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
- \* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
- \* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sourcesjar/io/netty/handler/codec/compression/Lz4XXHash32.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2015 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License, version 2.0 (the

\* "License"); you may not use this file except in compliance with the License. You may obtain a

\* copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software distributed under the License

\* is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express

\* or implied. See the License for the specific language governing permissions and limitations under \* the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/ValueConverter.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/CharSequenceValueConverter.java

 $* / opt/ws_local/PERMITS_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/DefaultHeadersImpl.java$ 

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2014 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2Decoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/json/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitWriter.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitReader.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2Encoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/FastLz.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sourcesjar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Crc32.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sourcesjar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sourcesjar/io/netty/handler/codec/compression/FastLzFrameDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/LzfEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Lz4Constants.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sourcesjar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/AsciiHeadersEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sourcesjar/io/netty/handler/codec/MessageAggregationException.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sourcesjar/io/netty/handler/codec/compression/SnappyFramedDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sourcesjar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/json/JsonObjectDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/LzfDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2Constants.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/DecoderResultProvider.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sourcesjar/io/netty/handler/codec/compression/Bzip2DivSufSort.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2Rand.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2013 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/JdkZlibDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Crc32c.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/xml/XmlFrameDecoder.java

No license file was found, but licenses were detected in source scan.

/\*

```
* The Netty Project licenses this file to you under the Apache License,
* version 2.0 (the "License"); you may not use this file except in compliance
* with the License. You may obtain a copy of the License at:
* http://www.apache.org/licenses/LICENSE-2.0
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS. WITHOUT
* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and limitations
* under the License.
*/
/*
* Written by Robert Harder and released to the public domain, as explained at
* http://creativecommons.org/licenses/publicdomain
*/
/**
* Enumeration of supported Base64 dialects.
* 
* The internal lookup tables in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
* Base64 Encoder/Decoder</a>.
*/
```

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sourcesjar/io/netty/handler/codec/base64/Base64Dialect.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2012 The Netty Project

\* Copyright 2012 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

/\*

\* Written by Robert Harder and released to the public domain, as explained at

\* http://creativecommons.org/licenses/publicdomain

\*/

/\*\*

\* Utility class for {@link ByteBuf} that encodes and decodes to and from

\* <a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.

\*

- \* The encoding and decoding algorithm in this class has been derived from
- \* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
- \* Base64 Encoder/Decoder</a>.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sourcesjar/io/netty/handler/codec/base64/Base64.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2012 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/EncoderException.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/MarshallerProvider.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/MessageToMessageCodec.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/base64/Base64Encoder.java

jar/io/netty/handler/codec/compression/JZlibDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/string/StringDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/JZlibEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/CompressionException.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/ZlibEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/DecoderResult.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sourcesjar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/MessageToMessageDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/FixedLengthFrameDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/JdkZlibEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/DecoderException.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/ZlibWrapper.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/Delimiters.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/SoftReferenceMap.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Snappy.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sourcesjar/io/netty/handler/codec/marshalling/LimitingByteInput.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/ZlibUtil.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/base64/Base64Decoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sourcesjar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sourcesjar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java

jar/io/netty/handler/codec/serialization/ObjectEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/ZlibCodecFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/ByteToMessageDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/ZlibDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/PrematureChannelClosureException.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/UnmarshallerProvider.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sourcesjar/io/netty/handler/codec/LineBasedFrameDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/ReferenceMap.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/base64/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/WeakReferenceMap.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/xml/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sourcesjar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/MessageAggregator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/ClassResolver.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/LengthFieldPrepender.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/ClassResolvers.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/TooLongFrameException.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sourcesjar/io/netty/handler/codec/CorruptedFrameException.java

jar/io/netty/handler/codec/CodecException.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/DecompressionException.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sourcesjar/io/netty/handler/codec/UnsupportedMessageTypeException.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/MessageToByteEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/string/StringEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/protobuf/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/ByteToMessageCodec.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/ReplayingDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/string/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/CachingClassResolver.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/MessageToMessageEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/bytes/package-info.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2016 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/string/LineSeparator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/string/LineEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/CodecOutputList.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/DateFormatter.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/DatagramPacketDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/ByteBufChecksum.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/DatagramPacketEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/CompressionUtil.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2012 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

```
*/
```

/\*\*

```
* A decoder that splits the received {@link ByteBuf}s dynamically by the
* value of the length field in the message. It is particularly useful when you
* decode a binary message which has an integer header field that represents the
* length of the message body or the whole message.
* 
* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so
* that it can decode any message with a length field, which is often seen in
* proprietary client-server protocols. Here are some example that will give
* you the basic idea on which option does what.
* <h3>2 bytes length field at offset 0, do not strip header</h3>
* The value of the length field in this example is \langle tt \rangle 12 (0x0C) \langle /tt \rangle which
* represents the length of "HELLO, WORLD". By default, the decoder assumes
* that the length field represents the number of the bytes that follows the
* length field. Therefore, it can be decoded with the simplistic parameter
* combination.
* 
* <b>lengthFieldOffset</b> = <b>0</b>
* <b>lengthFieldLength</b> = <b>2</b>
* lengthAdjustment = 0
* initialBytesToStrip = 0 (= do not strip header)
* BEFORE DECODE (14 bytes)
                                   AFTER DECODE (14 bytes)
* +-----+ +-----+
* | Length | Actual Content |----> | Length | Actual Content |
* | 0x000C | "HELLO, WORLD" | | 0x000C | "HELLO, WORLD" |
* +-----+ +-----+
* 
* <h3>2 bytes length field at offset 0, strip header</h3>
*
* Because we can get the length of the content by calling
* {@link ByteBuf#readableBytes()}, you might want to strip the length
* field by specifying <tt>initialBytesToStrip</tt>. In this example, we
* specified <tt>2</tt>, that is same with the length of the length field, to
* strip the first two bytes.
* 
* lengthFieldOffset = 0
* lengthFieldLength = 2
* lengthAdjustment = 0
* <b>initialBytesToStrip </b> = <math><b>2</b> (= the length of the Length field)
* BEFORE DECODE (14 bytes)
                                   AFTER DECODE (12 bytes)
* +-----+ +-----+
* | Length | Actual Content |----> | Actual Content |
```

```
* | 0x000C | "HELLO, WORLD" | | "HELLO, WORLD" |
* +-----+ +-----+
* 
*
* <h3>2 bytes length field at offset 0, do not strip header, the length field
* represents the length of the whole message</h3>
*
* In most cases, the length field represents the length of the message body
* only, as shown in the previous examples. However, in some protocols, the
* length field represents the length of the whole message, including the
* message header. In such a case, we specify a non-zero
* <tt>lengthAdjustment</tt>. Because the length value in this example message
* is always greater than the body length by \langle tt \rangle 2 \langle tt \rangle, we specify \langle tt \rangle - 2 \langle tt \rangle
* as <tt>lengthAdjustment</tt> for compensation.
* 
* lengthFieldOffset = 0
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>-2</b> (= the length of the Length field)
* initialBytesToStrip = 0
* BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)
* +-----+ +----+
* | Length | Actual Content |----> | Length | Actual Content |
* | 0x000E | "HELLO, WORLD" | 0x000E | "HELLO, WORLD" |
* +-----+ +----+
* 
*
* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>
* The following message is a simple variation of the first example. An extra
* header value is prepended to the message. <tt>lengthAdjustment</tt> is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.
* 
* <b>lengthFieldOffset</b> = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b> = <b>3</b>
* lengthAdjustment = 0
* initialBytesToStrip = 0
* BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)
* +-----+ +-----+ +-----+
* | Header 1 | Length | Actual Content |----> | Header 1 | Length | Actual Content |
* | 0xCAFE | 0x00000C | "HELLO, WORLD" | | 0xCAFE | 0x00000C | "HELLO, WORLD" |
* 
*
* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>
```

```
* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body. You have to specify a
* positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
* header into the frame length calculation.
* 
* lengthFieldOffset = 0
* lengthFieldLength = 3
* < b > length Adjustment < /b > = < b > 2 < /b > (= the length of Header 1)
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)
* +-----+ +-----+
* | Length | Header 1 | Actual Content |----> | Length | Header 1 | Actual Content |
* | 0x00000C | 0xCAFE | "HELLO, WORLD" | | 0x00000C | 0xCAFE | "HELLO, WORLD" |
* +-----+
* 
* < h3 > 2 bytes length field at offset 1 in the middle of 4 bytes header,
   strip the first header field and the length field</h3>
*
* This is a combination of all the examples above. There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra
* header affects the <tt>lengthAdjustment</tt>. We also specified a non-zero
* <tt>initialBytesToStrip</tt> to strip the length field and the prepended
* header from the frame. If you don't want to strip the prepended header, you
* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.
* 
* lengthFieldOffset = 1 (= the length of HDR1)
* lengthFieldLength = 2
* <b>lengthAdjustment </b> = <math><b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip </b> = <math><b>3</b> (= the length of HDR1 + LEN)
* BEFORE DECODE (16 bytes)
                                AFTER DECODE (13 bytes)
* +-----+ +-----+
* | HDR1 | Length | HDR2 | Actual Content |----> | HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" | 0xFE | "HELLO, WORLD" |
* 
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
   strip the first header field and the length field, the length field
*
   represents the length of the whole message</h3>
* Let's give another twist to the previous example. The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.
```

```
* Please note that we don't need to take the length of HDR2 into account
```

\* because the length field already includes the whole header length.

\*

- \* lengthFieldOffset = 1
- \* lengthFieldLength = 2
- \* <b>lengthAdjustment</b> = <b>-3</b> (= the length of HDR1 + LEN, negative)
- \* <b>initialBytesToStrip</b> = <b> 3</b>
- \* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
- \* +-----+ +-----+ +-----+

```
* | HDR1 | Length | HDR2 | Actual Content |----> | HDR2 | Actual Content |
```

```
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" | | 0xFE | "HELLO, WORLD" |
```

```
* +-----+ +-----+ +----+
```

\*

```
* @see LengthFieldPrepender
```

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sourcesjar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2015 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

```
* License for the specific language governing permissions and limitations
```

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java

```
* /opt/ws_local/PERMITS_SQL/1093815845_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/UnsupportedValueConverter.java
```

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java

 $* / opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/ProtocolDetectionState.java$ 

jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/ProtocolDetectionResult.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/HeadersUtils.java

\* /opt/ws\_local/PERMITS\_SQL/1093815845\_1601014627.54/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java

## 1.105 asm 4.2

### 1.105.1 Available under license :

No license file was found, but licenses were detected in source scan.

/\*\*

- \* ASM: a very small and fast Java bytecode manipulation framework
- \* Copyright (c) 2000-2011 INRIA, France Telecom
- \* All rights reserved.

\*

- \* Redistribution and use in source and binary forms, with or without
- \* modification, are permitted provided that the following conditions
- \* are met:
- \* 1. Redistributions of source code must retain the above copyright
- \* notice, this list of conditions and the following disclaimer.
- \* 2. Redistributions in binary form must reproduce the above copyright
- \* notice, this list of conditions and the following disclaimer in the
- \* documentation and/or other materials provided with the distribution.
- \* 3. Neither the name of the copyright holders nor the names of its
- \* contributors may be used to endorse or promote products derived from
- \* this software without specific prior written permission.

\*

\* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
\* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
\* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
\* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
\* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
\* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
\* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
\* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
\* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
\* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF
\* THE POSSIBILITY OF SUCH DAMAGE.

\*/

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/util/Textifiable.java
\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/util/ASMifiable.java
No license file was found, but licenses were detected in source scan.

/\*\*\*

- \* ASM: a very small and fast Java bytecode manipulation framework
- \* Copyright (c) 2000-2011 INRIA, France Telecom
- \* All rights reserved.

\*

\* Redistribution and use in source and binary forms, with or without

\* modification, are permitted provided that the following conditions

\* are met:

\* 1. Redistributions of source code must retain the above copyright

\* notice, this list of conditions and the following disclaimer.

- \* 2. Redistributions in binary form must reproduce the above copyright
- \* notice, this list of conditions and the following disclaimer in the
- \* documentation and/or other materials provided with the distribution.

\* 3. Neither the name of the copyright holders nor the names of its

\* contributors may be used to endorse or promote products derived from

\* this software without specific prior written permission.

\*

\* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
\* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
\* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
\* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
\* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
\* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
\* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
\* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
\* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
\* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF
\* THE POSSIBILITY OF SUCH DAMAGE.

\*/ /\*\*

\* Creates a new {@link GeneratorAdapter}. <i>Subclasses must not use this

\* constructor</i>. Instead, they must use the

\* {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}

\* version.

\*

\* @param mv

the method visitor to which this adapter delegates calls.

\* @param access

\* the method's access flags (see {@link Opcodes}).

\* @param name

\* the method's name.

\* @param desc

the method's descriptor (see {@link Type Type}).

\*/

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1jar/org/objectweb/asm/commons/GeneratorAdapter.java No license file was found, but licenses were detected in source scan.

/\*\*\*

- \* ASM: a very small and fast Java bytecode manipulation framework
- \* Copyright (c) 2000-2011 INRIA, France Telecom
- \* All rights reserved.

\*

\* Redistribution and use in source and binary forms, with or without

\* modification, are permitted provided that the following conditions

\* are met:

- \* 1. Redistributions of source code must retain the above copyright
- \* notice, this list of conditions and the following disclaimer.
- \* 2. Redistributions in binary form must reproduce the above copyright
- \* notice, this list of conditions and the following disclaimer in the
- \* documentation and/or other materials provided with the distribution.
- \* 3. Neither the name of the copyright holders nor the names of its

\* contributors may be used to endorse or promote products derived from

\* this software without specific prior written permission.

\*

\* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
\* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
\* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
\* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
\* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
\* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
\* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
\* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
\* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
\* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF
\* THE POSSIBILITY OF SUCH DAMAGE.

\*/ /\*\*

- \* Constructs a new {@link ClassNode}. <i>Subclasses must not use this
- \* constructor</i>. Instead, they must use the {@link #ClassNode(int)}
- \* version.
- \*/

Found in path(s):

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/tree/ClassNode.java No license file was found, but licenses were detected in source scan.

2011, Eugene Kuleshov All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- 3. Neither the name of the copyright holders nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Found in path(s):

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/xml/asm-xml.dtd No license file was found, but licenses were detected in source scan.

2011, Eugene Kuleshov

\* All rights reserved.

\*

- \* Redistribution and use in source and binary forms, with or without
- \* modification, are permitted provided that the following conditions
- \* are met:
- \* 1. Redistributions of source code must retain the above copyright
- \* notice, this list of conditions and the following disclaimer.
- \* 2. Redistributions in binary form must reproduce the above copyright
- \* notice, this list of conditions and the following disclaimer in the
- \* documentation and/or other materials provided with the distribution.
- \* 3. Neither the name of the copyright holders nor the names of its
- \* contributors may be used to endorse or promote products derived from
- \* this software without specific prior written permission.

\*

- \* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
- \* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
- \* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
- \* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE

\* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR

\* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF

\* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS

\* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN

\* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)

\* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF

\* THE POSSIBILITY OF SUCH DAMAGE.

Found in path(s):

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/xml/package.html No license file was found, but licenses were detected in source scan.

/\*\*\*

\* ASM: a very small and fast Java bytecode manipulation framework

\* Copyright (c) 2000-2011 INRIA, France Telecom

\* All rights reserved.

\*

\* Redistribution and use in source and binary forms, with or without

\* modification, are permitted provided that the following conditions

\* are met:

\* 1. Redistributions of source code must retain the above copyright

\* notice, this list of conditions and the following disclaimer.

\* 2. Redistributions in binary form must reproduce the above copyright

\* notice, this list of conditions and the following disclaimer in the

\* documentation and/or other materials provided with the distribution.

\* 3. Neither the name of the copyright holders nor the names of its

\* contributors may be used to endorse or promote products derived from

\* this software without specific prior written permission.

\*

\* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
\* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
\* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
\* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
\* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
\* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
\* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
\* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
\* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
\* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF
\* THE POSSIBILITY OF SUCH DAMAGE.

\*/ /\*\*

\* Constructs a new {@link Textifier}. <i>Subclasses must not use this

\* constructor</i>. Instead, they must use the { @link #Textifier(int)}

\* version.

\*/

Found in path(s):

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/util/Textifier.java No license file was found, but licenses were detected in source scan.

/\*\*\*

\* ASM: a very small and fast Java bytecode manipulation framework

\* Copyright (c) 2000-2011 INRIA, France Telecom

\* All rights reserved.

\*

\* Redistribution and use in source and binary forms, with or without

\* modification, are permitted provided that the following conditions

\* are met:

\* 1. Redistributions of source code must retain the above copyright

\* notice, this list of conditions and the following disclaimer.

\* 2. Redistributions in binary form must reproduce the above copyright

\* notice, this list of conditions and the following disclaimer in the

\* documentation and/or other materials provided with the distribution.

\* 3. Neither the name of the copyright holders nor the names of its

\* contributors may be used to endorse or promote products derived from

\* this software without specific prior written permission.

\*

\* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

\* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

\* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

\* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE

\* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR

\* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF

\* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS

\* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN

\* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)

\* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF

\* THE POSSIBILITY OF SUCH DAMAGE.

\*/

/\*\*

- \* Creates a new JSRInliner. <i>Subclasses must not use this
- \* constructor</i>. Instead, they must use the
- \* {@link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String[])}
- \* version.

\*

```
* @param mv
```

\* the <code>MethodVisitor</code> to send the resulting inlined

method code to (use <code>null</code> for none).

\* @param access

- \* the method's access flags (see {@link Opcodes}). This
- \* parameter also indicates if the method is synthetic and/or

\* deprecated.

\* @param name

the method's name.

\* @param desc

- \* the method's descriptor (see {@link Type}).
- \* @param signature
- the method's signature. May be <tt>null</tt>.
  @param exceptions
  the internal names of the method's exception classes (see
  {@link Type#getInternalName() getInternalName}). May be
  <tt>null</tt>.

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1jar/org/objectweb/asm/commons/JSRInlinerAdapter.java No license file was found, but licenses were detected in source scan.

/\*\*\*

- \* ASM: a very small and fast Java bytecode manipulation framework
- \* Copyright (c) 2000-2011 INRIA, France Telecom
- \* All rights reserved.

\*

\* Redistribution and use in source and binary forms, with or without

\* modification, are permitted provided that the following conditions

\* are met:

- \* 1. Redistributions of source code must retain the above copyright
- \* notice, this list of conditions and the following disclaimer.
- \* 2. Redistributions in binary form must reproduce the above copyright
- \* notice, this list of conditions and the following disclaimer in the
- \* documentation and/or other materials provided with the distribution.
- \* 3. Neither the name of the copyright holders nor the names of its
- \* contributors may be used to endorse or promote products derived from
- \* this software without specific prior written permission.

\*

\* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
\* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
\* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
\* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
\* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
\* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
\* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
\* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
\* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
\* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF
\* THE POSSIBILITY OF SUCH DAMAGE.

\*/ /\*\*

- \* Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
- \* constructor</i>. Instead, they must use the
- \* {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}

\* version.

- \*
- \* @param owner
- \* the owner's class name.
- \* @param access
- \* the method's access flags (see {@link Opcodes}).
- \* @param name
- \* the method's name.
- \* @param desc
- \* the method's descriptor (see { @link Type Type}).
- \* @param mv
- \* the method visitor to which this adapter delegates calls. May
- \* be <tt>null</tt>.
- \*/

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1jar/org/objectweb/asm/commons/AnalyzerAdapter.java No license file was found, but licenses were detected in source scan.

/\*\*\*

- \* ASM: a very small and fast Java bytecode manipulation framework
- \* Copyright (c) 2000-2011 INRIA, France Telecom
- \* All rights reserved.

\*

\* Redistribution and use in source and binary forms, with or without

\* modification, are permitted provided that the following conditions

\* are met:

- \* 1. Redistributions of source code must retain the above copyright
- \* notice, this list of conditions and the following disclaimer.
- \* 2. Redistributions in binary form must reproduce the above copyright
- \* notice, this list of conditions and the following disclaimer in the
- \* documentation and/or other materials provided with the distribution.
- \* 3. Neither the name of the copyright holders nor the names of its
- \* contributors may be used to endorse or promote products derived from
- \* this software without specific prior written permission.

\*

\* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
\* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
\* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
\* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
\* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
\* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
\* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
\* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
\* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
\* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF
\* THE POSSIBILITY OF SUCH DAMAGE.

\*/

\* /opt/cola/permits/1136703576 1613864943.01/0/asm-4-2-sources-1jar/org/objectweb/asm/tree/analysis/Value.java \* /opt/cola/permits/1136703576 1613864943.01/0/asm-4-2-sources-1jar/org/objectweb/asm/tree/AnnotationNode.java \* /opt/cola/permits/1136703576 1613864943.01/0/asm-4-2-sources-1jar/org/objectweb/asm/commons/LocalVariablesSorter.java \*/opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/Item.java \* /opt/cola/permits/1136703576 1613864943.01/0/asm-4-2-sources-1jar/org/objectweb/asm/optimizer/Shrinker.java \*/opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/Edge.java \* /opt/cola/permits/1136703576 1613864943.01/0/asm-4-2-sources-1jar/org/objectweb/asm/commons/StaticInitMerger.java \*/opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/tree/IincInsnNode.java \* /opt/cola/permits/1136703576 1613864943.01/0/asm-4-2-sources-1jar/org/objectweb/asm/tree/JumpInsnNode.java \* /opt/cola/permits/1136703576 1613864943.01/0/asm-4-2-sources-1jar/org/objectweb/asm/util/CheckFieldAdapter.java \* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1jar/org/objectweb/asm/util/TraceSignatureVisitor.java \* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1jar/org/objectweb/asm/commons/AdviceAdapter.java \* /opt/cola/permits/1136703576 1613864943.01/0/asm-4-2-sources-1jar/org/objectweb/asm/util/CheckSignatureAdapter.java \* /opt/cola/permits/1136703576 1613864943.01/0/asm-4-2-sources-1jar/org/objectweb/asm/tree/MultiANewArrayInsnNode.java \*/opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/MethodWriter.java \* /opt/cola/permits/1136703576 1613864943.01/0/asm-4-2-sources-1jar/org/objectweb/asm/commons/SimpleRemapper.java \* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1jar/org/objectweb/asm/commons/RemappingMethodAdapter.java \* /opt/cola/permits/1136703576 1613864943.01/0/asm-4-2-sources-1jar/org/objectweb/asm/tree/analysis/SourceValue.java \* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1jar/org/objectweb/asm/util/CheckClassAdapter.java \* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1jar/org/objectweb/asm/tree/TableSwitchInsnNode.java \*/opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/util/Printer.java \* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1jar/org/objectweb/asm/tree/analysis/Frame.java \*/opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/tree/FieldNode.java \* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java \* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1jar/org/objectweb/asm/tree/analysis/Subroutine.java \*/opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/Type.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/optimizer/ClassConstantsCollector.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/ClassReader.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/ClassWriter.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/tree/TypeInsnNode.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/util/TraceClassVisitor.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/AnnotationWriter.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/optimizer/AnnotationConstantsCollector.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/Label.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/tree/FieldInsnNode.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/tree/InsnNode.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/commons/Method.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/signature/SignatureVisitor.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/tree/analysis/Interpreter.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/util/TraceAnnotationVisitor.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/optimizer/NameMapping.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/commons/Remapper.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/tree/FrameNode.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/optimizer/MethodConstantsCollector.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/tree/TryCatchBlockNode.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/FieldVisitor.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/tree/LabelNode.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/tree/AbstractInsnNode.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/tree/LineNumberNode.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/commons/InstructionAdapter.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/optimizer/MethodOptimizer.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/Opcodes.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/ByteVector.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/tree/IntInsnNode.java

```
* /opt/cola/permits/1136703576_1613864943.01/0/asm-4-2-sources-1-
```

jar/org/objectweb/asm/tree/LocalVariableNode.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/FieldWriter.java

```
* /opt/cola/permits/1136703576_1613864943.01/0/asm-4-2-sources-1-
```

jar/org/objectweb/asm/tree/InnerClassNode.java

```
* /opt/cola/permits/1136703576_1613864943.01/0/asm-4-2-sources-1-
```

```
jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java
```

```
* /opt/cola/permits/1136703576_1613864943.01/0/asm-4-2-sources-1-
```

jar/org/objectweb/asm/tree/MethodInsnNode.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/optimizer/Constant.java

- \* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-
- jar/org/objectweb/asm/tree/analysis/Analyzer.java
- \* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-
- jar/org/objectweb/asm/util/TraceFieldVisitor.java
- \* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-
- jar/org/objectweb/asm/util/CheckMethodAdapter.java

 $* / opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/tree/VarInsnNode.java$ 

- \* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-
- jar/org/objectweb/asm/commons/RemappingClassAdapter.java
- \* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-
- jar/org/objectweb/asm/commons/CodeSizeEvaluator.java
- \* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-
- jar/org/objectweb/asm/AnnotationVisitor.java

 $* / opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/Frame.java$ 

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

```
jar/org/objectweb/asm/tree/analysis/BasicValue.java
```

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/util/ASMifier.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/tree/analysis/BasicVerifier.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/tree/LdcInsnNode.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/signature/SignatureReader.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/commons/TableSwitchGenerator.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/util/TraceMethodVisitor.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/Handle.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

```
jar/org/objectweb/asm/tree/LookupSwitchInsnNode.java
```

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

```
jar/org/objectweb/asm/tree/analysis/AnalyzerException.java
```

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/commons/RemappingAnnotationAdapter.java

- $* / opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/ClassVisitor.java$
- \* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/optimizer/JarOptimizer.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/Handler.java

```
* /opt/cola/permits/1136703576 1613864943.01/0/asm-4-2-sources-1-
jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
* /opt/cola/permits/1136703576_1613864943.01/0/asm-4-2-sources-1-
jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java
* /opt/cola/permits/1136703576 1613864943.01/0/asm-4-2-sources-1-
jar/org/objectweb/asm/optimizer/ClassOptimizer.java
* /opt/cola/permits/1136703576 1613864943.01/0/asm-4-2-sources-1-
jar/org/objectweb/asm/optimizer/ConstantPool.java
* /opt/cola/permits/1136703576_1613864943.01/0/asm-4-2-sources-1-
jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java
*/opt/cola/permits/1136703576_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/Context.java
*/opt/cola/permits/1136703576_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/MethodVisitor.java
*/opt/cola/permits/1136703576 1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/Attribute.java
* /opt/cola/permits/1136703576_1613864943.01/0/asm-4-2-sources-1-
jar/org/objectweb/asm/tree/analysis/SmallSet.java
* /opt/cola/permits/1136703576 1613864943.01/0/asm-4-2-sources-1-
jar/org/objectweb/asm/optimizer/FieldConstantsCollector.java
*/opt/cola/permits/1136703576 1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/tree/InsnList.java
*/opt/cola/permits/1136703576_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/tree/MethodNode.java
* /opt/cola/permits/1136703576_1613864943.01/0/asm-4-2-sources-1-
jar/org/objectweb/asm/signature/SignatureWriter.java
* /opt/cola/permits/1136703576_1613864943.01/0/asm-4-2-sources-1-
jar/org/objectweb/asm/commons/TryCatchBlockSorter.java
```

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/util/CheckAnnotationAdapter.java

No license file was found, but licenses were detected in source scan.

2011 INRIA, France Telecom

# \* All rights reserved.

\*

\* Redistribution and use in source and binary forms, with or without

\* modification, are permitted provided that the following conditions

\* are met:

\* 1. Redistributions of source code must retain the above copyright

\* notice, this list of conditions and the following disclaimer.

\* 2. Redistributions in binary form must reproduce the above copyright

\* notice, this list of conditions and the following disclaimer in the

\* documentation and/or other materials provided with the distribution.

\* 3. Neither the name of the copyright holders nor the names of its

\* contributors may be used to endorse or promote products derived from

\* this software without specific prior written permission.

\*

\* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

\* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

\* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

\* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE

\* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR

\* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF

\* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS

\* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN

\* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)

\* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF

\* THE POSSIBILITY OF SUCH DAMAGE.

Found in path(s):

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/attrs/package.html

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/tree/analysis/package.html

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/signature/package.html

 $* / opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/util/package.html$ 

 $* / opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/tree/package.html$ 

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/commons/package.html

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/package.html No license file was found, but licenses were detected in source scan.

#All rights reserved.

#Redistribution and use in source and binary forms, with or without #modification, are permitted provided that the following conditions #are met:

#1. Redistributions of source code must retain the above copyright

# notice, this list of conditions and the following disclaimer.

#2. Redistributions in binary form must reproduce the above copyright

# notice, this list of conditions and the following disclaimer in the

# documentation and/or other materials provided with the distribution.

#3. Neither the name of the copyright holders nor the names of its

# this software without specific prior written permission.

Found in path(s):

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/optimizer/shrink-signatures.properties

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/optimizer/shrink-writer.properties

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/optimizer/shrink-resize.properties

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/optimizer/shrink-annotations.properties

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/optimizer/shrink.properties

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/optimizer/shrink-frames.properties

No license file was found, but licenses were detected in source scan.

/\*\*\*

\* ASM XML Adapter

\* Copyright (c) 2004-2011, Eugene Kuleshov

\* All rights reserved.

\*

- \* Redistribution and use in source and binary forms, with or without
- \* modification, are permitted provided that the following conditions

\* are met:

- \* 1. Redistributions of source code must retain the above copyright
- \* notice, this list of conditions and the following disclaimer.
- \* 2. Redistributions in binary form must reproduce the above copyright
- \* notice, this list of conditions and the following disclaimer in the
- \* documentation and/or other materials provided with the distribution.
- \* 3. Neither the name of the copyright holders nor the names of its
- \* contributors may be used to endorse or promote products derived from
- \* this software without specific prior written permission.

\*

\* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

\* AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

\* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

\* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE

\* LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR

\* CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF

\* SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS

\* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN

\* CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)

\* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF

\* THE POSSIBILITY OF SUCH DAMAGE.

\*/

Found in path(s):

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/xml/SAXCodeAdapter.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/xml/SAXFieldAdapter.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/xml/SAXClassAdapter.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/xml/ASMContentHandler.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-

jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java

\* /opt/cola/permits/1136703576\_1613864943.01/0/asm-4-2-sources-1-jar/org/objectweb/asm/xml/SAXAdapter.java

# 1.106 netty-codec-socks 4.1.52. Final

# 1.106.1 Available under license :

No license file was found, but licenses were detected in source scan.

/\* \* Copyright 2013 The Netty Project \* The Netty Project licenses this file to you under the Apache License, \* version 2.0 (the "License"); you may not use this file except in compliance \* with the License. You may obtain a copy of the License at: \* http://www.apache.org/licenses/LICENSE-2.0 \* Unless required by applicable law or agreed to in writing, software \* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT \* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the \* License for the specific language governing permissions and limitations \* under the License. \*/ Found in path(s): \*/opt/cola/permits/1099818508 1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/Socks5AddressType.java \* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksResponseType.java \* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/SocksVersion.java \* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksAuthStatus.java \*/opt/cola/permits/1099818508 1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/Socks5CommandType.java \* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/Socks5CommandStatus.java \* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/Socks5AuthMethod.java \*/opt/cola/permits/1099818508 1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksSubnegotiationVersion.java \* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthStatus.java \* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksProtocolVersion.java \* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksCmdType.java \* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksRequestType.java \*/opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksAddressType.java \* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksMessageType.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksAuthScheme.java
\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksCmdStatus.java
No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2015 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/Socks5AddressEncoder.java

 $* / opt/cola/permits/1099818508\_1602573654.35 / 0 / netty-codec-socks-4-1-52-final-sources-socks-4-1-52 - final-sources-socks-4-1-52 - final-socks-4-1-52 - fin$ 

jar/io/netty/handler/codec/socksx/v5/Socks5AddressDecoder.java

 $* / opt/cola/permits/1099818508\_1602573654.35 / 0 / netty-codec-socks-4-1-52-final-sources-socks-4-1-52 - final-sources-socks-4-1-52 - final-socks-4-1-52 - fin$ 

jar/io/netty/handler/codec/socksx/SocksPortUnificationServerHandler.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2012 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/DefaultSocks5InitialResponse.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/Socks5CommandRequest.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sources-jar/io/netty/handler/codec/socks/UnknownSocksResponse.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksAuthResponseDecoder.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v4/Socks4CommandStatus.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/DefaultSocks5CommandRequest.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/DefaultSocks5CommandResponse.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v4/Socks4CommandRequest.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/UnknownSocksRequest.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/DefaultSocks5PasswordAuthRequest.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/SocksMessage.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/DefaultSocks5PasswordAuthResponse.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthRequest.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v4/Socks4CommandType.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksCommonUtils.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksMessageEncoder.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/Socks5InitialRequest.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksInitRequestDecoder.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksInitResponseDecoder.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksAuthRequestDecoder.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sources-jar/io/netty/handler/codec/socks/SocksRequest.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksResponse.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4ClientDecoder.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthResponse.java \* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v4/Socks4CommandResponse.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksInitRequest.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksCmdRequestDecoder.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/package-info.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/Socks/CmdResponse.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/Socks5InitialResponse.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksCmdResponseDecoder.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v4/Socks4ServerDecoder.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/DefaultSocks5InitialRequest.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksMessage.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v4/DefaultSocks4CommandRequest.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v4/DefaultSocks4CommandResponse.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksCmdRequest.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksAuthResponse.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/Socks5CommandResponse.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sources-jar/io/netty/handler/codec/socks/SocksAuthRequest.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/SocksInitResponse.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socks/package-info.java

No license file was found, but licenses were detected in source scan.

~ Copyright 2012 The Netty Project

~

~ The Netty Project licenses this file to you under the Apache License,

~ version 2.0 (the "License"); you may not use this file except in compliance

~ with the License. You may obtain a copy of the License at:

~

~ http://www.apache.org/licenses/LICENSE

2.0

~ Unless required by applicable law or agreed to in writing, software

~ distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

- ~ WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
- ~ License for the specific language governing permissions and limitations

~ under the License.

#### Found in path(s):

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sources-jar/META-INF/maven/io.netty/netty-codec-socks/pom.xml

No license file was found, but licenses were detected in source scan.

/\*

- \* Copyright 2014 The Netty Project
- \*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

- \* License for the specific language governing permissions and limitations
- \* under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v4/AbstractSocks4Message.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/Socks5InitialResponseDecoder.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/Socks5Message.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4ClientEncoder.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v4/package-info.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/Socks5CommandResponseDecoder.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/AbstractSocksMessage.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/AbstractSocks5Message.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthRequestDecoder.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v4/Socks4ServerEncoder.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sources-

jar/io/netty/handler/codec/socksx/v5/Socks5CommandRequestDecoder.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/Socks5ServerEncoder.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthResponseDecoder.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sources-

jar/io/netty/handler/codec/socksx/v5/Socks5InitialRequestDecoder.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/package-info.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v5/Socks5ClientEncoder.java

\* /opt/cola/permits/1099818508\_1602573654.35/0/netty-codec-socks-4-1-52-final-sourcesjar/io/netty/handler/codec/socksx/v4/Socks4Message.java

# 1.107 openssl 1.1.1d 1.107.1 Available under license :

### LICENSE ISSUES

\_\_\_\_\_

The OpenSSL toolkit stays under a double license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit. See below for the actual license texts.

#### **OpenSSL** License

-----

\*

\* Copyright (c) 1998-2019 The OpenSSL Project. All rights reserved.

\*

\* Redistribution and use in source and binary forms, with or without

\* modification, are permitted provided that the following conditions

\* are met:

- \*
- \* 1. Redistributions of source code must retain the above copyright

\* notice, this list of conditions and the following disclaimer.

\*

\* 2. Redistributions in binary form must reproduce the above copyright

- \* notice, this list of conditions and the following disclaimer in
- \* the documentation and/or other materials provided with the
- \* distribution.
- \*
- \* 3. All advertising materials mentioning features or use of this
- \* software must display the following acknowledgment:
- \* "This product includes software developed by the OpenSSL Project
- \* for use in the OpenSSL Toolkit. (http://www.openssl.org/)"

- \*
- \* 4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to
- \* endorse or promote products derived from this software without
- \* prior written permission. For written permission, please contact
- \* openssl-core@openssl.org.
- \*
- \* 5. Products derived from this software may not be called "OpenSSL"
- \* nor may "OpenSSL" appear in their names without prior written
- \* permission of the OpenSSL Project.
- \*

\* 6. Redistributions of any form whatsoever must retain the following

- \* acknowledgment:
- \* "This product includes software developed by the OpenSSL Project
- \* for use in the OpenSSL Toolkit (http://www.openssl.org/)"
- \*

```
* THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS" AND ANY
```

- \* EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
- \* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
- \* PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR
- \* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
- \* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
- \* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
- \* LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
- \* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
- \* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
- \* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
- \* OF THE POSSIBILITY OF SUCH DAMAGE.
- \*\_\_\_\_\_
- \*

\* This product includes cryptographic software written by Eric Young

- \* (eay@cryptsoft.com). This product includes software written by Tim
- \* Hudson (tjh@cryptsoft.com).
- \*/

Original SSLeav License

\_\_\_\_\_

- /\* Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)
- \* All rights reserved.
- \*
- \* This package is an SSL implementation written
- \* by Eric Young (eay@cryptsoft.com).
- \* The implementation was written so as to conform with Netscapes SSL.
- \*
- \* This library is free for commercial and non-commercial use as long as
- \* the following conditions are aheared to. The following conditions
- \* apply to all code found in this distribution, be it the RC4, RSA,

- \* lhash, DES, etc., code; not just the SSL code. The SSL documentation
- \* included with this distribution is covered by the same copyright terms
- \* except that the holder is Tim Hudson (tjh@cryptsoft.com).

\*

- \* Copyright remains Eric Young's, and as such any Copyright notices in \* the code are not to be removed.
- \* If this package is used in a product, Eric Young should be given attribution
- \* as the author of the parts of the library used.
- \* This can be in the form of a textual message at program startup or
- \* in documentation (online or textual) provided with the package.

\*

- \* Redistribution and use in source and binary forms, with or without
- \* modification, are permitted provided that the following conditions\* are met:
- \* 1. Redistributions of source code must retain the copyright
- \* notice, this list of conditions and the following disclaimer.
- \* 2. Redistributions in binary form must reproduce the above copyright
- \* notice, this list of conditions and the following disclaimer in the
- \* documentation and/or other materials provided with the distribution.
- \* 3. All advertising materials mentioning features or use of this software
- \* must display the following acknowledgement:
- \* "This product includes cryptographic software written by
- \* Eric Young (eay@cryptsoft.com)"
- \* The word 'cryptographic' can be left out if the rouines from the library
- \* being used are not cryptographic related :-).
- \* 4. If you include any Windows specific code (or a derivative thereof) from
- \* the apps directory (application code) you must include an acknowledgement:
- \* "This product includes software written by Tim Hudson (tjh@cryptsoft.com)"
- \*

\* THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS" AND

\* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

\* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

- \* ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
- \* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
- \* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
- \* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
- \* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
- \* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
- \* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
- \* SUCH DAMAGE.
- \*

\* The licence and distribution terms for any publically available version or

- \* derivative of this code cannot be changed. i.e. this code cannot simply be
- \* copied and put under another distribution licence
- \* [including the GNU Public Licence.]

\*/

GNU GENERAL PUBLIC LICENSE Version 2, June 1991 Copyright (C) 1989, 1991 Free Software Foundation, Inc. 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA. Everyone is permitted to copy and distribute verbatim copies

of this license document, but changing it is not allowed.

# Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations. Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

# GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readablesource code, which must be distributed under the terms of Sections1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein.

You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

# NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

# END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.> Copyright (C) 19yy <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) 19yy name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program 'Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989 Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

### The "Artistic License"

### Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

# Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

b) use the modified Package only within your corporation or organization.

c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

a) distribute a Standard Version of the executables and library files, together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.

9. The name of the Copyright Holder may not be used to endorse or promote products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTIBILITY AND FITNESS FOR A PARTICULAR PURPOSE.

The End

# 1.108 iconv 2.32

# 1.108.1 Available under license :

GNU GENERAL PUBLIC LICENSE Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <a href="http://fsf.org/>keyyone">http://fsf.org/>keyyone</a> is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

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.

# TERMS AND CONDITIONS

0. 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.

# 1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source. The Corresponding Source for a work in source code form is that same work.

# 2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

# 3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

# 4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and

appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; 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.

5. 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:

a) The work must carry prominent notices stating that you modified it, and giving a relevant date.

b) The work must carry prominent notices stating that it is released under this License and any conditions added under section7. This requirement modifies the requirement in section 4 to "keep intact all notices".

c) 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.

d) 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.

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.

6. 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:

a) 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.

b) 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.

c) 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.

d) 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, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

e) 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.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

# 7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or

b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or

c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or

d) Limiting the use for publicity purposes of names of licensors or authors of the material; or

e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or

f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

### 8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

# 10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

#### 11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License. Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007. Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

# 12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

### 13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

# 14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program. Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

# 15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

# 16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

# END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.> Copyright (C) <year> <name of author>

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <a href="http://www.gnu.org/licenses/">http://www.gnu.org/licenses/</a>>.

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

<program> Copyright (C) <year> <name of author> This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer" for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <a href="http://www.gnu.org/licenses/">http://www.gnu.org/licenses/</a>>.

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read <http://www.gnu.org/philosophy/why-not-lgpl.html>. GNU LIBRARY GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1991 Free Software Foundation, Inc.

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some specially designated Free Software Foundation software, and to any other libraries whose authors decide to use it. You can use it for your libraries, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

## GNU LIBRARY GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee. 2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License. 3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law. If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place. d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the

Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus

excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.> Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Library General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Library General Public License for more details.

You should have received a copy of the GNU Library General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990 Ty Coon, President of Vice

That's all there is to it!

# 1.109 vertx-rx-java2-gen 4.0.2

## 1.109.1 Available under license :

No license file was found, but licenses were detected in source scan.

#### /\*

\* Copyright (c) 2011-2013 The original author or authors

\* \_\_\_\_\_

- \* All rights reserved. This program and the accompanying materials
- \* are made available under the terms of the Eclipse Public License v1.0
- \* and Apache License v2.0 which accompanies this distribution.
- \*
- \* The Eclipse Public License is available at
- \* http://www.eclipse.org/legal/epl-v10.html
- \*
- \* The Apache License v2.0 is available at
- \* http://www.opensource.org/licenses/apache2.0.php
- \*
- \* You may elect to redistribute this code under either of these licenses.

\*/

Found in path(s):

\* /opt/cola/permits/1166659794\_1621461512.6/0/vertx-rx-java2-gen-4-0-2-sources-jar/io/vertx/reactivex/package-info.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2018 Red Hat, Inc.

\*

\* Red Hat licenses this file to you under the Apache License, version 2.0

\* (the "License"); you may not use this file except in compliance with the

\* License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
- \* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
- \* License for the specific language governing permissions and limitations
- \* under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1166659794\_1621461512.6/0/vertx-rx-java2-gen-4-0-2-sourcesjar/io/vertx/reactivex/WriteStreamSubscriber.java

\* /opt/cola/permits/1166659794\_1621461512.6/0/vertx-rx-java2-gen-4-0-2-sources-

jar/io/vertx/reactivex/WriteStreamObserver.java

```
* /opt/cola/permits/1166659794_1621461512.6/0/vertx-rx-java2-gen-4-0-2-sources-
jar/io/vertx/reactivex/impl/WriteStreamObserverImpl.java
* /opt/cola/permits/1166659794_1621461512.6/0/vertx-rx-java2-gen-4-0-2-sources-
jar/io/vertx/reactivex/impl/WriteStreamSubscriberImpl.java
No license file was found, but licenses were detected in source scan.
/*
* Copyright 2014 Red Hat, Inc.
*
```

\* Red Hat licenses this file to you under the Apache License, version 2.0

\* (the "License"); you may not use this file except in compliance with the

\* License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1166659794\_1621461512.6/0/vertx-rx-java2-gen-4-0-2-sourcesjar/io/vertx/reactivex/ContextScheduler.java

## 1.110 vertx-stomp 4.0.2

## 1.110.1 Available under license :

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of

this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and

wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor

has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

## 1.111 zlib 1.2.11

## 1.111.1 Available under license :

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

# 1.112 jackson-databind 2.10.3

## 1.112.1 Available under license :

This copy of Jackson JSON processor databind module is licensed under the Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivate works.

You may obtain a copy of the License at:

http://www.apache.org/licenses/LICENSE-2.0 # Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

## Licensing

Jackson core and extension components may be licensed under different licenses. To find the details that apply to this artifact see the accompanying LICENSE file. For more information, including possible other licensing options, contact FasterXML.com (http://fasterxml.com).

## Credits

A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

## 1.113 jackson-dataformat-yaml 2.11.3

## 1.113.1 Available under license :

# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

#### ## Licensing

Jackson core and extension components may be licensed under different licenses. To find the details that apply to this artifact see the accompanying LICENSE file. For more information, including possible other licensing options, contact FasterXML.com (http://fasterxml.com).

#### ## Credits

A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses. This copy of Jackson JSON processor YAML module is licensed under the Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivate works.

You may obtain a copy of the License at:

http://www.apache.org/licenses/LICENSE-2.0

## 1.114 vertx-micrometer-metrics 4.0.2

## **1.114.1 Available under license :**

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work,

excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any

risks associated with Your exercise of permissions under this License.

- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

### Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

# 1.115 jacoco-cli 0.8.5

## 1.115.1 Available under license :

Found license 'Eclipse Public License 1.0' in 'This program and the accompanying materials are made available under the terms of the Eclipse Public License 2.0 which is available at'

Found license 'Eclipse Public License 1.0' in 'under the terms and conditions of the Eclipse Public License Version 2.0'

## 1.116 vertx-service-discovery 4.0.2

## 1.116.1 Available under license :

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

## TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but

not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their

Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

## **1.117 boost 1.73.0** 1.117.1 Available under license :

This program, "bzip2", the associated library "libbzip2", and all documentation, are copyright (C) 1996-2019 Julian R Seward. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product

documentation would be appreciated but is not required.

- 3. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
- 4. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Julian Seward, jseward@acm.org bzip2/libbzip2 version 1.0.8 of 13 July 2019

\_\_\_\_\_

////

Copyright 2018 Peter Dimov

Distributed under the Boost Software License, Version 1.0.

See accompanying file LICENSE\_1\_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt ////

[#copyright] # Copyright and License :idprefix:

This documentation is

\* Copyright 2003-2017 Beman Dawes

\* Copyright 2018 Peter Dimov

and is distributed under the http://www.boost.org/LICENSE\_1\_0.txt[Boost Software License, Version 1.0]. The MIT License (MIT)

Copyright (c) 2014 fqiang

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

//// Copyright 2018, 2019 Peter Dimov

Distributed under the Boost Software License, Version 1.0.

See accompanying file LICENSE\_1\_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt ////

[#copyright] # Copyright and License :idprefix:

This documentation is copyright 2018, 2019 Peter Dimov and is distributed under the http://www.boost.org/LICENSE\_1\_0.txt[Boost Software License, Version 1.0]. Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Software License, Version 1.0

Copyright 2002-2003, Trustees of Indiana University. Copyright 2000-2001, University of Notre Dame. All rights reserved.

Indiana University has the exclusive rights to license this product under the following license.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* All redistributions of source code must retain the above copyright notice, the list of authors in the original source code, this list of conditions and the disclaimer listed in this license;
- \* All redistributions in binary form must reproduce the above copyright notice, this list of conditions and the disclaimer listed in this license in the documentation and/or other materials provided with the distribution;
- \* Any documentation included with all redistributions must include the following acknowledgement:

"This product includes software developed at the University of Notre Dame and the Pervasive Technology Labs at Indiana University. For technical information contact Andrew Lumsdaine at the Pervasive Technology Labs at Indiana University. For administrative and license questions contact the Advanced Research and Technology Institute at 351 West 10th Street. Indianapolis, Indiana 46202, phone 317-278-4100, fax 317-274-5902."

Alternatively, this acknowledgement may appear in the software itself, and wherever such third-party acknowledgments normally appear.

- \* The name Indiana University, the University of Notre Dame or "Caramel" shall not be used to endorse or promote products derived from this software without prior written permission from Indiana University. For written permission, please contact Indiana University Advanced Research & Technology Institute.
- \* Products derived from this software may not be called "Caramel", nor may Indiana University, the University of Notre Dame or "Caramel" appear in

their name, without prior written permission of Indiana University Advanced Research & Technology Institute.

Indiana University provides no reassurances that the source code provided does not infringe the patent or any other intellectual property rights of any other entity. Indiana University disclaims any liability to any recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise.

LICENSEE UNDERSTANDS THAT SOFTWARE IS PROVIDED "AS IS" FOR WHICH NO WARRANTIES AS TO CAPABILITIES OR ACCURACY ARE MADE. INDIANA UNIVERSITY GIVES NO WARRANTIES AND MAKES NO REPRESENTATION THAT SOFTWARE IS FREE OF INFRINGEMENT OF THIRD PARTY PATENT, COPYRIGHT, OR OTHER PROPRIETARY RIGHTS. INDIANA UNIVERSITY MAKES NO WARRANTIES THAT SOFTWARE IS FREE FROM "BUGS", "VIRUSES", "TROJAN HORSES", "TRAP DOORS", "WORMS", OR OTHER HARMFUL CODE. LICENSEE ASSUMES THE ENTIRE RISK AS TO THE PERFORMANCE OF SOFTWARE AND/OR ASSOCIATED MATERIALS, AND TO THE PERFORMANCE AND VALIDITY OF INFORMATION GENERATED USING SOFTWARE. The following people hereby grant permission to replace all existing licenses on their contributions to Boost with the Boost Software License, Version 1.0. (boostinspect:nolicense boostinspect:nocopyright)

Aleksey Gurtovoy (agurtovoy@meta-comm.com)

Andrei Alexandrescu (andrewalex - at - hotmail.com) (See Boost list message of August 12, 2004 11:06:58 AM EST)

Andrew Lumsdaine ()

Anthony Williams (anthony -at- justsoftwaresolutions.co.uk)

Beman Dawes (bdawes@acm.org)

Brad King (brad.king -at- kitware.com) (See Boost list message of Wed, 21 Jul 2004 11:15:46 -0400)

Brian Osman (osman -at- vvisions.com) (See CVS log)

Bruce Barr (schmoost -at- yahoo.com) (See Boost list of Mon, 16 Aug 2004 15:06:43 -0500)

Bruno da Silva de Oliveira (bruno - at - esss.com.br)

Christain Engstrom (christian.engstrom -at- glindra.org) (See Boost list message of Mon, 30 Aug 2004 14:31:49 +0200)

Cromwell D Enage (sponage -at- yahoo.com) (See Boost list message of August 12, 2004 11:49:13 AM EST)

Dan Gohman (djg -at- cray.com) (See Boost list messsage of Sat, 21 Aug 2004 10:54:59 +0100)

Dan Nuffer (dan -at- nuffer.name)

Daniel Frey (d.frey -at- gmx.de, daniel.frey -at- aixigo.de)

Daniel Nuffer (dan -at- nuffer.name)

Darin Adler (darin -at- bentspoon.com) (Email to Andreas Huber, see change log)

Daryle Walker (darylew - at - hotmail.com)

Dave Abrahams (dave@boost-consulting.com)

Dave Moore (dmoore -at- viefinancial.com) (See Boost list message of 18 Dec 2003 15:35:50 -0500)

David Abrahams (dave@boost-consulting.com)

Dietmar Kuehl (dietmar\_kuehl -at- yahoo.com) (Email to Andreas Huber, see change log)

Douglas Gregor (gregod -at- cs.rpi.edu, dgregor -at- cs.indiana.edu, doug.gregor -at- gmail.com)

Dr John Maddock (john - at - johnmaddock.co.uk)

Edward D. Brey (brey -at- ductape.net) (Email to Andreas Huber, see change log)

Eric Ford (un5o6n902 -at- sneakemail.com) (See Boost list message of Sun, 15 Aug 2004 10:29:13 +0100)

Eric Friedman (ebf@users.sourceforge.net) Eric Niebler (eric@boost-consulting.com) Fernando Cacciola (fernando\_cacciola@ciudad.com.ar) Fernando Luis Cacciola Carballal (fernando\_cacciola@ciudad.com.ar) Francois Faure (Francois.Faure -at- imag.fr) (See CVS log) Gary Powell (powellg - at - amazon.com) (See Boost list message of 10 Feb 2004 14:22:46 -0800) Gennadiy Rozental (rogeeff -at- mail.com) (Email to Andreas Huber, see change log) Gottfried Ganssauge (Gottfried.Ganssauge -at- HAUFE.DE) (See Boost List message of Mon, 16 Aug 2004 10:09:19+0200)Gottfried Ganauge (Gottfried.Ganssauge -at- HAUFE.DE) (Alternative spelling of Gottfried Ganssauge) Greg Colvin (gregory.colvin -at- oracle.com) (See Boost list message of Sat, 14 Aug 2004 10:57:00 +0100) Gregory Colvin (gregory.colvin -at- oracle.com) (See Boost list message of Sat, 14 Aug 2004 10:57:00 +0100) Gunter Winkler (gunter.winkler -at- unibw-muenchen.de) (See Boost List message of Mon, 16 Aug 2004 10:24:17 +0200)Hartmut Kaiser (hartmut.kaiser -at- gmail.com) Herve Bronnimann (hbr -at- poly.edu) Herv Brnnimann (hbr -at- poly.edu) Housemarque Oy (Ilari Kuittinen ilari.kuittinen -at- housemarque.fi) Howard Hinnant (hinnant -at- twcny.rr.com) (See Boost list message of July 25, 2004 3:44:49 PM EST) Hubert Holin (hubert\_holin -at- users.sourceforge.net) Indiana University () Itay Maman (imaman -at- users.sourceforge.net) Jaakko Jrvi (jajarvi -at- osl.iu.edu) Jaap Suter (j.suter -at- student.utwente.nl) (See Boost list message of Thu, 16 Sep 2004 09:32:43 -0700) Jeff Garland (jeff - at - crystalclearsoftware.com) (see Boost list post of July 25, 2004 19:31:09 -0700) Jens Maurer (Jens.Maurer@gmx.net) Jeremy G Siek (jsiek@osl.iu.edu) Jeremy Siek (jsiek@osl.iu.edu) Joel de Guzman (joel -at- boost-consulting.com) (See Boost list message of July 25, 2004 8:32:00 PM EST) John Bandela (jbandela-at-ufl.edu) John Maddock (john - at - johnmaddock.co.uk) John R Bandela (jbandela-at-ufl.edu) Jonathan Turkanis (turkanis -at- coderage dot com) Juergen Hunold (hunold -at- ive.uni-hannover.de) (See Boost List Message of Fri, 13 Aug 2004 19:39:55 +0200) Kevlin Henney (kevlin -at- curbralan.com) (See Boost list message of Wed, 15 Sep 2004 18:15:17 +0200) Kresimir Fresl (fresl -at- master.grad.hr) (See Boost List message of August 16, 2004 8:23:35 AM EST) Lars Gullik Bjnnes (larsbj -at-lyx.org) (See Boost list message of Tue, 17 Aug 2004 15:49:02 +0100) Lie-Quan Lee (liequan - at - slac.stanford.edu, llee - at - cs.indiana.edu) Maarten Keijzer (mkeijzer -at- cs.vu.nl) (See Boost list message of Wed, 18 Aug 2004 21:43:18 +0100) Mac Murrett (mmurrett -at- mac.com) Marc Wintermantel (wintermantel -at- imes.mavt.ethz.ch, wintermantel -at- even-ag.ch) (See CVS log) Michael Glassford (glassfordm - at - hotmail.com) Michael Stevens (Michael.Stevens - at - epost.de) Multi Media Ltd. (pdimov@mmltd.net) Nicolai M Josuttis (solutions -at- josuttis.com) (See Boost list message of Mon, 30 Aug 2004 10:52:00 +0100) Nikolay Mladenov (nickm -at- sitius.com) (See Boost list message of Tue, 17 Aug 2004 15:45:33 +0100) Paul Mensonides (pmenso57 -at- comcast.net) (See Boost list message of July 21, 2004 1:12:21 AM EST)

Pavol Droba (droba -at- topmail.sk)

Peter Dimov (pdimov@mmltd.net) R W Grosse-Kunstleve (RWGrosse-Kunstleve@lbl.gov) Ralf W. Grosse-Kunstleve (RWGrosse-Kunstleve@lbl.gov) Rational Discovery LLC (Greg Landrum Landrum -at- RationalDiscovery.com) (See Boost list post of Tue, 17 Aug 2004 10:35:36 +0100) Rene Rivera (grafik/redshift-software.com, rrivera/acm.org) Robert Ramey (ramey@www.rrsd.com) Roland Richter (roland -at- flll.jku.at) (See Boost list post of Mon, 16 Aug 2004 22:16:55 +0200) Roland Schwarz (roland.schwarz -at- chello.at) Ronald Garcia (garcia -at- cs.indiana.edu) (Email to Andreas Huber, see change log) Samuel Krempp (krempp -at- crans.ens-cachan.fr) (See Boost list message of Mon, 27 Sep 2004 13:18:36 +0200) Stefan Seefeld (seefeld -at- sympatico.ca) Stephen Cleary (scleary -at- jerviswebb.com) (See Boost list message of Tue, 28 Sep 2004 13:11:46 +0100) Steve Cleary (Variant of Stephen Cleary) Sylvain Pion (Sylvain.Pion - at - sophia.inria.fr) The Trustees of Indiana University () Thomas Witt (witt - at - ive.uni-hannover.de, witt - at - acm.org, witt - at - styleadvisor.com) Thorsten Jrgen Ottosen (nesotto - at - cs.auc.dk) Thorsten Ottosen (nesotto - at - cs.auc.dk) Toon Knapen (toon dot knapen - at - fft.be) Trustees of Indiana University () University of Notre Dame () Vladimir Prus (ghost@cs.msu.su) William E. Kempf () (email to Beman Dawes, 9/14/2006 4:18 PM) Joerg Walter (jhr.walter - at - t-online.de : email to ublas mailing list Mon, 17 Sep 2007 10:17:08 +0200) Mathias Koch (mkoch - at - idesis.de 7 : email to boost-owner@lists.boost.org Sep 2007 13:20:09 +0200) --- end ----////

Copyright 2017 Peter Dimov

Distributed under the Boost Software License, Version 1.0.

See accompanying file LICENSE\_1\_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt ////

[#mpl]
# MPL Support, <boost/mp11/mpl.hpp>
:toc:
:toc-title:
:idprefix:

The header `<boost/mp11/mpl.hpp>`, when included, defines the necessary support infrastructure for `mp\_list` and `std::tuple` to be valid link:../../../libs/mpl[MPL] sequences.

NOTE: `mpl.hpp` is not included by `<boost/mp11.hpp>`.

```
It's also possible to only enable support for `mp_list` by
including `<boost/mp11/mpl_list.hpp>`, and for `std::tuple`
by including `<boost/mp11/mpl_tuple.hpp>`. This may be required
because some libraries, such as Boost.Fusion, contain their own MPL
support for `std::tuple`, which conflicts with Mp11's one.
<!DOCTYPE html>
<html>
<head></head>
<body>
 <h3>
  Copyright Test
 </h3>
 1963, 1964, 1965 Jane Doe
 2018 Joe Blow, John Coe
 1977, 1985 Someone else
 </body>
</html>
<!-- Copyright 2018 Paul Fultz II
  Distributed under the Boost Software License, Version 1.0.
  (http://www.boost.org/LICENSE 1 0.txt)
-->
```

#### License

\_\_\_\_\_

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER Use of this software is granted under one of the following two licenses, to be chosen freely by the user.

1. Boost Software License - Version 1.0 - August 17th, 2003

Copyright (c) 2006, 2007 Marcin Kalicinski

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### 2. The MIT License

### Copyright (c) 2006, 2007 Marcin Kalicinski

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) 2007-2011 Barend Gehrels, Amsterdam, the Netherlands. Copyright (c) 2008-2011 Bruno Lalande, Paris, France. Copyright (c) 2009-2011 Mateusz Loskot, London, UK.

Use, modification and distribution is subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE\_1\_0.txt or copy at http://www.boost.org/LICENSE\_1\_0.txt)

The default copyright note for C++ source files reads:

// Boost.Geometry (aka GGL, Generic Geometry Library)

// Copyright (c) 2007-2011 Barend Gehrels, Amsterdam, the Netherlands.

// Copyright (c) 2008-2011 Bruno Lalande, Paris, France.

// Copyright (c) 2009-2011 Mateusz Loskot, London, UK.

// Parts of Boost.Geometry are redesigned from Geodan's Geographic Library
// (geolib/GGL), copyright (c) 1995-2010 Geodan, Amsterdam, the Netherlands.

// Use, modification and distribution is subject to the Boost Software License, // Version 1.0. (See accompanying file LICENSE\_1\_0.txt or copy at // http://www.boost.org/LICENSE\_1\_0.txt)

Exceptions:

1) Major work of any author -> might change order, change date

2) Exclusive work of one author including design -> might take sole copyright Examples:

- adapted geometry types e.g. array, Boost.Polygon
- implemented file-format e.g. WKB
- implemented specific strategy or algorithm e.g. intersections
- 3) Examples -> might take sole copyright
- 4) Tests -> might take sole copyright
- 5) Docs -> might take sole copyright
- 6) Utilities e.g. converters -> might take sole copyright

The copyright note for other (source) files as .py, Jamfiles, etc is similar and comments are changed accordingly. <?xml version="1.0" encoding="UTF-8"?> <!DOCTYPE article PUBLIC "-//Boost//DTD BoostBook XML V1.0//EN" "http://www.boost.org/tools/boostbook/dtd/boostbook.dtd"> <article id="copyright test" last-revision="DEBUG MODE Date: 2000/12/20 12:00:00 \$" xmlns:xi="http://www.w3.org/2001/XInclude"> <title>Copyright Test</title> <articleinfo> <copyright> <year>1963</year> <year>1964</year> <year>1965</year> <holder>Jane Doe</holder> </copyright> <copyright> <year>2018</year> <holder>Joe Blow, John Coe</holder> </copyright> <copyright> <year>1977</year> <year>1985</year> <holder>Someone else</holder> </copyright> </articleinfo> </article> Copyright Louis Dionne 2013-2017

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

http\_parser.c is based on src/http/ngx\_http\_parse.c from NGINX copyright Igor Sysoev.

Additional changes are licensed under the same terms as NGINX and copyright Joyent, Inc. and other Node contributors. All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

This package was debianized by Vladimir Prus <ghost@cs.msu.su> on Wed, 17 July 2002, 19:27:00 +0400.

# Copyright:

/+\

+\ Copyright 1993-2002 Christopher Seiwald and Perforce Software, Inc.  $\backslash + /$ 

This is Release 2.4 of Jam/MR, a make-like program.

License is hereby granted to use this software and distribute it freely, as long as this copyright notice is retained and modifications are clearly marked.

# ALL WARRANTIES ARE HEREBY DISCLAIMED.

Some portions are also:

Copyright 2001-2006 David Abrahams. Copyright 2002-2006 Rene Rivera. Copyright 2003-2006 Vladimir Prus.

Distributed under the Boost Software License, Version 1.0. (See accompanying file LICENSE\_1\_0.txt or http://www.boost.org/LICENSE\_1\_0.txt) Copyright 2015-2016 Barrett Adair Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE. Parts of the navigation implementation were borrowed from the docdock theme, and thus they are copyright as follows:

The MIT License (MIT)

Copyright (c) 2014 Grav Copyright (c) 2016 MATHIEU CORNIC Copyright (c) 2017 Valere JEANTET

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE. Copyright Paul Fultz II 2016-2018

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE,

# 1.118 hamcrest 1.3

# 1.118.1 Available under license :

Copyright (c) 2000-2003, jMock.org All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of jMock nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY

EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES

OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT

SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED

TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY

WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

## TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must

include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly

negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. BSD License Copyright (c) 2000-2006, www.hamcrest.org All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of Hamcrest nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY

EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES

OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT

SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED

TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY

WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

# 1.119 openjdk 11.0.8u10

# 1.119.1 Available under license :

## c-libutl 20160225

### c-libutl License

This software is distributed under the terms of the BSD license.

(C) 2009 by Remo Dentato (rdentato@gmail.com)

Redistribution and use in source and binary forms, with or without modification,

are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

http://opensource.org/licenses/bsd-license.php

•••

## ASM Bytecode Manipulation Framework v7.0

### ASM License

Copyright (c) 2000-2011 France Tlcom All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- 3. Neither the name of the copyright holders nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

# THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The GIFLIB distribution is Copyright (c) 1997 Eric S. Raymond

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

## IAIK (Institute for Applied Information Processing and Communication) PKCS#11 wrapper files v1

### IAIK License

Copyright (c) 2002 Graz University of Technology. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- 3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment:

"This product includes software developed by IAIK of Graz University of Technology."

Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.

- 4. The names "Graz University of Technology" and "IAIK of Graz University of Technology" must not be used to endorse or promote products derived from this software without prior written permission.
- 5. Products derived from this software may not be called "IAIK PKCS Wrapper", nor may "IAIK" appear in their name, without prior written permission of Graz University of Technology.

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE LICENSOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

ASIS PKCS #11 Cryptographic Token Interface v2.40

### OASIS PKCS #11 Cryptographic Token Interface License

Copyright (c) OASIS Open 2016. All Rights Reserved.

All capitalized terms in the following text have the meanings assigned to them in the OASIS Intellectual Property Rights Policy (the "OASIS IPR Policy"). The full Policy may be found at the OASIS website: [http://www.oasis-open.org/policies-guidelines/ipr]

This document and translations of it may be copied and furnished to others, and derivative works that comment on or otherwise explain it or assist in its implementation may be prepared, copied, published, and distributed, in whole or in part, without restriction of any kind, provided that the above copyright notice and this section are included on all such copies and derivative works. However, this document itself may not be modified in any way, including by removing the copyright notice or references to OASIS, except as needed for the purpose of developing any document or deliverable produced by an OASIS Technical Committee (in which case the rules applicable to copyrights, as set forth in the OASIS IPR Policy, must be followed) or as required to translate it into languages other than English.

The limited permissions granted above are perpetual and will not be revoked by OASIS or its successors or assigns.

This document and the information contained herein is provided on an "AS IS" basis and OASIS DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY THAT THE USE OF THE INFORMATION HEREIN WILL NOT INFRINGE ANY OWNERSHIP RIGHTS OR ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. OASIS AND ITS MEMBERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THIS DOCUMENT OR ANY PART THEREOF.

•••

## International Components for Unicode (ICU4J) v64.2

### ICU4J License

#### COPYRIGHT AND PERMISSION NOTICE (ICU 58 and later)

Copyright 1991-2019 Unicode, Inc. All rights reserved. Distributed under the Terms of Use in https://www.unicode.org/copyright.html.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that either (a) this copyright and permission notice appear with all copies of the Data Files or Software, or (b) this copyright and permission notice appear in associated Documentation.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE. Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

\_\_\_\_\_

Third-Party Software Licenses

This section contains third-party software notices and/or additional terms for licensed third-party software components included within ICU libraries.

1. ICU License - ICU 1.8.1 to ICU 57.1

#### COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1995-2016 International Business Machines Corporation and others All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, provided that the above copyright notice(s) and this permission notice appear in all copies of the Software and that both the above copyright notice(s) and this permission notice appear in supporting documentation.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

All trademarks and registered trademarks mentioned herein are the property of their respective owners.

2. Chinese/Japanese Word Break Dictionary Data (cjdict.txt)

# The Google Chrome software developed by Google is licensed under# the BSD license. Other software included in this distribution is

# provided under other licenses, as set forth below.

#

# The BSD License

# http://opensource.org/licenses/bsd-license.php

# Copyright (C) 2006-2008, Google Inc.

#

# All rights reserved.

#

# Redistribution and use in source and binary forms, with or without

# modification, are permitted provided that the following conditions are met:

#

# Redistributions of source code must retain the above copyright notice,

# this list of conditions and the following disclaimer.

# Redistributions in binary form must reproduce the above

# copyright notice, this list of conditions and the following

# disclaimer in the documentation and/or other materials provided with

# the distribution.

# Neither the name of Google Inc. nor the names of its

# contributors may be used to endorse or promote products derived from

# this software without specific prior written permission.

# #

# THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND
# CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES,
# INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
# MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
# DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
# LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
# CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
# SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
# BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
# LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
# NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
# SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

# #

# The word list in cjdict.txt are generated by combining three word lists

# listed below with further processing for compound word breaking. The

# frequency is generated with an iterative training against Google web

# corpora.

#

# \* Libtabe (Chinese)

# - https://sourceforge.net/project/?group\_id=1519

# - Its license terms and conditions are shown below. # # \* IPADIC (Japanese) - http://chasen.aist-nara.ac.jp/chasen/distribution.html # - Its license terms and conditions are shown below. # # # -----COPYING.libtabe ---- BEGIN------# # /\* # \* Copyright (c) 1999 TaBE Project. # \* Copyright (c) 1999 Pai-Hsiang Hsiao. # \* All rights reserved. # \* # \* Redistribution and use in source and binary forms, with or without # \* modification, are permitted provided that the following conditions # \* are met: # \* # \*. Redistributions of source code must retain the above copyright # \* notice, this list of conditions and the following disclaimer. # \* . Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in # \* # \* the documentation and/or other materials provided with the # \* distribution. # \*. Neither the name of the TaBE Project nor the names of its # \* contributors may be used to endorse or promote products derived from this software without specific prior written permission. # \* # \* # \* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS # \* "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT # \* LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS # \* FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE # \* REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, # \* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES # \* (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR # \* SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) # \* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, # \* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) # \* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED # \* OF THE POSSIBILITY OF SUCH DAMAGE. # \*/ # # /\* # \* Copyright (c) 1999 Computer Systems and Communication Lab, # \* Institute of Information Science, Academia # \* Sinica. All rights reserved. # \* # \* Redistribution and use in source and binary forms, with or without # \* modification, are permitted provided that the following conditions

| #      | * are met:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| #      | *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| #      | * . Redistributions of source code must retain the above copyright                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| #      | * notice, this list of conditions and the following disclaimer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| #      | * . Redistributions in binary form must reproduce the above copyright                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| #      | * notice, this list of conditions and the following disclaimer in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| #      | * the documentation and/or other materials provided with the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| #      | * distribution.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| #      | * . Neither the name of the Computer Systems and Communication Lab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| #      | * nor the names of its contributors may be used to endorse or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| #      | <ul> <li>* promote products derived from this software without specific</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| #      | <ul> <li>* prior written permission.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| "<br># | *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| π<br># | * THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| #      | * "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| #      | * LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| π<br># | * FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| #      | * REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|        | * INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| #      | * (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| #      | * SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| #      | * HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| #      | * STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| #      | * ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| #      | * OF THE POSSIBILITY OF SUCH DAMAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| #<br># | * OF THE POSSIBILITY OF SUCH DAMAGE.<br>*/                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| #<br># |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| #      | Copyright 1996 Chih-Hao Tsai @ Beckman Institute,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| #      | University of Illinois                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|        | c-tsai4@uiuc.edu http://casper.beckman.uiuc.edu/~c-tsai4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| #<br># | c-tsai4@uluc.edu///casper.beckmail.uluc.edu/~c-tsai4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|        | COPYING.libtabeEND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| #      | EOF TING.IIDIabeEND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| #      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|        | COPYING.ipadicBEGIN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| π<br># |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|        | Copyright 2000, 2001, 2002, 2003 Nara Institute of Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|        | and Technology. All Rights Reserved.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| #      | and reenhology. An Rights Reserved.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|        | Use, reproduction, and distribution of this software is permitted.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|        | Any copy of this software, whether in its original form or modified,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|        | must include both the above copyright notice and the following                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|        | paragraphs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| π<br># | Landrahue.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|        | Nara Institute of Science and Technology (NAIST),                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|        | the copyright holders, disclaims all warranties with regard to this                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|        | are corplanation of the second and the second |

# software, including all implied warranties of merchantability and

# fitness, in no event shall NAIST be liable for

# any special, indirect or consequential damages or any damages

# whatsoever resulting from loss of use, data or profits, whether in an

# action of contract, negligence or other tortuous action, arising out

# of or in connection with the use or performance of this software.

#

# A large portion of the dictionary entries

# originate from ICOT Free Software. The following conditions for ICOT

# Free Software applies to the current dictionary as well.

#

# Each User may also freely distribute the Program, whether in its

# original form or modified, to any third party or parties, PROVIDED

# that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear

# on, or be attached to, the Program, which is distributed substantially

# in the same form as set out herein and that such intended

# distribution, if actually made, will neither violate or otherwise

# contravene any of the laws and regulations of the countries having

# jurisdiction over the User or the intended distribution itself.

#

**# NO WARRANTY** 

#

# The program was produced on an experimental basis in the course of the

# research and development conducted during the project and is provided

# to users as so produced on an experimental basis. Accordingly, the

# program is provided without any warranty whatsoever, whether express,

# implied, statutory or otherwise. The term "warranty" used herein

# includes, but is not limited to, any warranty of the quality,

# performance, merchantability and fitness for a particular purpose of

# the program and the nonexistence of any infringement or violation of

# any right of any third party.

#

# Each user of the program will agree and understand, and be deemed to

# have agreed and understood, that there is no warranty whatsoever for

# the program and, accordingly, the entire risk arising from or

# otherwise connected with the program is assumed by the user.

#

# Therefore, neither ICOT, the copyright holder, or any other

# organization that participated in or was otherwise related to the

# development of the program and their respective officials, directors,

# officers and other employees shall be held liable for any and all

# damages, including, without limitation, general, special, incidental

# and consequential damages, arising out of or otherwise in connection

# with the use or inability to use the program or any product, material

# or result produced or otherwise obtained by using the program,

# regardless of whether they have been advised of, or otherwise had

# knowledge of, the possibility of such damages at any time during the

# project or thereafter. Each user will be deemed to have agreed to the

# foregoing by his or her commencement of use of the program. The term

# "use" as used herein includes, but is not limited to, the use,

# modification, copying and distribution of the program and the # production of secondary products from the program. # # In the case where the program, whether in its original form or # modified, was distributed or delivered to or received by a user from # any person, organization or entity other than ICOT, unless it makes or # grants independently of ICOT any specific warranty to the user in # writing, such person, organization or entity, will also be exempted # from and not be held liable to the user for any such damages as noted # above as far as the program is concerned. # # -----COPYING.ipadic-----END-----3. Lao Word Break Dictionary Data (laodict.txt) # Copyright (c) 2013 International Business Machines Corporation # and others. All Rights Reserved. # # Project: http://code.google.com/p/lao-dictionary/ # Dictionary: http://lao-dictionary.googlecode.com/git/Lao-Dictionary.txt # License: http://lao-dictionary.googlecode.com/git/Lao-Dictionary-LICENSE.txt # (copied below) # # This file is derived from the above dictionary, with slight # modifications. # ------# Copyright (C) 2013 Brian Eugene Wilson, Robert Martin Campbell. # All rights reserved. # # Redistribution and use in source and binary forms, with or without # modification. *#* are permitted provided that the following conditions are met: # # # Redistributions of source code must retain the above copyright notice, this # list of conditions and the following disclaimer. Redistributions in # binary form must reproduce the above copyright notice, this list of # conditions and the following disclaimer in the documentation and/or # other materials provided with the distribution. # # # THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS # "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT # LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS # FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE # COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, # INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES # (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR

# SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
# HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
# STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
# ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
# OF THE POSSIBILITY OF SUCH DAMAGE.

# ------

4. Burmese Word Break Dictionary Data (burmesedict.txt)

# Copyright (c) 2014 International Business Machines Corporation

- # and others. All Rights Reserved.
- #
- # This list is part of a project hosted at:
- # github.com/kanyawtech/myanmar-karen-word-lists
- # # ------
- # Copyright (c) 2013, LeRoy Benjamin Sharon
- # All rights reserved.
- #

# Redistribution and use in source and binary forms, with or without

- # modification, are permitted provided that the following conditions
- # are met: Redistributions of source code must retain the above
- # copyright notice, this list of conditions and the following
- # disclaimer. Redistributions in binary form must reproduce the
- # above copyright notice, this list of conditions and the following
- # disclaimer in the documentation and/or other materials provided
- # with the distribution.
- #
- # Neither the name Myanmar Karen Word Lists, nor the names of its
- # contributors may be used to endorse or promote products derived
- # from this software without specific prior written permission.
- #
- # THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND
- # CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES,
- # INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
- # MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
- # DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS
- # BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
- # EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED
- # TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
- # DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
- # ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR
- # TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF
- # THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
- # SUCH DAMAGE.
- # -----

5. Time Zone Database

ICU uses the public domain data and code derived from Time Zone Database for its time zone support. The ownership of the TZ database is explained in BCP 175: Procedure for Maintaining the Time Zone Database section 7.

#7. Database Ownership

#

- # The TZ database itself is not an IETF Contribution or an IETF
- # document. Rather it is a pre-existing and regularly updated work
- # that is in the public domain, and is intended to remain in the
- # public domain. Therefore, BCPs 78 [RFC5378] and 79 [RFC3979] do
- # not apply to the TZ Database or contributions that individuals make
- # to it. Should any claims be made and substantiated against the TZ
- # Database, the organization that is providing the IANA
- # Considerations defined in this RFC, under the memorandum of
- # understanding with the IETF, currently ICANN, may act in accordance
- # with all competent court orders. No ownership claims will be made
- # by ICANN or the IETF Trust on the database or the code. Any person
- # making a contribution to the database or code waives all rights to
- # future claims in that contribution or in the TZ Database.

•••

## Mozilla Public Suffix List

### Public Suffix Notice

•••

You are receiving a copy of the Mozilla Public Suffix List in the following file: <java-home>/lib/security/public\_suffix\_list.dat. The terms of the Oracle license do NOT apply to this file; it is licensed under the Mozilla Public License 2.0, separately from the Oracle programs you receive. If you do not wish to use the Public Suffix List, you may remove the <java-home>/lib/security/public\_suffix\_list.dat file.

The Source Code of this file is available under the

Mozilla Public License, v. 2.0 and is located at

https://raw.githubusercontent.com/publicsuffix/list/33c1c788decfed1052089fa27e3005fe4088dec3/public\_suffix\_list.tdat.

If a copy of the MPL was not distributed with this file, you can obtain one at https://mozilla.org/MPL/2.0/.

Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.

### MPL v2.0

\_\_\_\_\_

#### 1. Definitions

-----

#### 1.1. "Contributor"

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. "Contributor Version"

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution"

means Covered Software of a particular Contributor.

#### 1.4. "Covered Software"

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

- 1.5. "Incompatible With Secondary Licenses" means
  - (a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or
  - (b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

## 1.6. "Executable Form"

means any form of the work other than Source Code Form.

1.7. "Larger Work"

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

#### 1.8. "License"

means this document.

#### 1.9. "Licensable"

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License. 1.10. "Modifications"

means any of the following:

- (a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or
- (b) any new file in Source Code Form that contains any Covered Software.

#### 1.11. "Patent Claims" of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

## 1.12. "Secondary License"

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

#### 1.13. "Source Code Form"

means the form of the work preferred for making modifications.

1.14. "You" (or "Your")

means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

#### 2. License Grants and Conditions

-----

#### 2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

 (a) under intellectual property rights (other than patent or trademark)
 Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

- (b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.
- 2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

- (a) for any code that a Contributor has removed from Covered Software; or
- (b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or
- (c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

#### 2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

#### 2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

### 2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

#### 3. Responsibilities

-----

#### 3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

#### 3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

- (a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and
- (b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

#### 3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

#### 3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

#### 3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

# 4. Inability to Comply Due to Statute or Regulation

-----

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

#### 5. Termination

\_\_\_\_\_

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

| *: | *******************                                                  |
|----|----------------------------------------------------------------------|
| *  | *                                                                    |
| *  | 6. Disclaimer of Warranty *                                          |
| *  | *                                                                    |
| *  | *                                                                    |
| *  | Covered Software is provided under this License on an "as is" *      |
| *  | basis, without warranty of any kind, either expressed, implied, or * |
| *  | statutory, including, without limitation, warranties that the *      |
| *  | Covered Software is free of defects, merchantable, fit for a *       |
| *  | particular purpose or non-infringing. The entire risk as to the *    |
| *  | quality and performance of the Covered Software is with You. *       |
| *  | Should any Covered Software prove defective in any respect, You *    |
| *  | (not any Contributor) assume the cost of any necessary servicing, *  |
| *  | repair, or correction. This disclaimer of warranty constitutes an *  |
| *  | essential part of this License. No use of any Covered Software is *  |
| *  | authorized under this License except under this disclaimer.          |
| *  | *                                                                    |
| *: | ***********************                                              |
|    |                                                                      |
| *: | ************************                                             |
| *  | *                                                                    |
| *  | 7. Limitation of Liability *                                         |
| *  | *                                                                    |
| *  | *                                                                    |
| *  | Under no circumstances and under no legal theory, whether tort *     |
| *  | (including negligence), contract, or otherwise, shall any *          |
| *  | Contributor, or anyone who distributes Covered Software as *         |
| *  | permitted above, be liable to You for any direct, indirect, *        |

| * special, incidental, or consequential damages of any character *      |  |  |
|-------------------------------------------------------------------------|--|--|
| * including, without limitation, damages for lost profits, loss of *    |  |  |
| * goodwill, work stoppage, computer failure or malfunction, or any *    |  |  |
| * and all other commercial damages or losses, even if such party *      |  |  |
| * shall have been informed of the possibility of such damages. This $*$ |  |  |
| * limitation of liability shall not apply to liability for death or *   |  |  |
| * personal injury resulting from such party's negligence to the *       |  |  |
| * extent applicable law prohibits such limitation. Some *               |  |  |
| * jurisdictions do not allow the exclusion or limitation of             |  |  |
| * incidental or consequential damages, so this exclusion and *          |  |  |
| * limitation may not apply to You.                                      |  |  |
| * *                                                                     |  |  |
| ******                                                                  |  |  |

#### 8. Litigation

-----

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

#### 9. Miscellaneous

-----

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

#### 10. Versions of the License

-----

#### 10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at https://mozilla.org/MPL/2.0/.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

•••

## Eastman Kodak Company: Portions of color management and imaging software

### Eastman Kodak Notice

Portions Copyright Eastman Kodak Company 1991-2003

## Double-conversion v3.1.5

### Double-conversion License

https://raw.githubusercontent.com/google/double-conversion/master/LICENSE

Copyright 2006-2011, the V8 project authors. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright (c) % YEARS% Oracle and/or its affiliates. All rights reserved. DO NOT ALTER OR REMOVE COPYRIGHT NOTICES OR THIS FILE HEADER.

This code is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License version 2 only, as published by the Free Software Foundation. Oracle designates this particular file as subject to the "Classpath" exception as provided by Oracle in the LICENSE file that accompanied this code.

This code is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License version 2 for more details (a copy is included in the LICENSE file that accompanied this code). You should have received a copy of the GNU General Public License version 2 along with this work; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA.

Please contact Oracle, 500 Oracle Parkway, Redwood Shores, CA 94065 USA or visit www.oracle.com if you need additional information or have any questions. ## The FreeType Project: Freetype v2.10.1

### FreeType Notice

•••

FreeType comes with two licenses from which you can choose the one which fits your needs best.

The FreeType License (FTL) is the most commonly used one. It is a BSD-style license with a credit clause and thus compatible with the GNU Public License (GPL) version 3, but not with the GPL version 2.

The GNU General Public License (GPL), version 2. Use it for all projects which use the GPLv2 also, or which need a license compatible to the GPLv2.

•••

### FreeType License

The FreeType Project LICENSE

-----

2006-Jan-27

Copyright 1996-2002, 2006 by David Turner, Robert Wilhelm, and Werner Lemberg

#### Introduction

\_\_\_\_\_

The FreeType Project is distributed in several archive packages; some of them may contain, in addition to the FreeType font engine, various tools and contributions which rely on, or relate to, the FreeType Project.

This license applies to all files found in such packages, and

which do not fall under their own explicit license. The license affects thus the FreeType font engine, the test programs, documentation and makefiles, at the very least.

This license was inspired by the BSD, Artistic, and IJG (Independent JPEG Group) licenses, which all encourage inclusion and use of free software in commercial and freeware products alike. As a consequence, its main points are that:

o We don't promise that this software works. However, we will be interested in any kind of bug reports. (`as is' distribution)

o You can use this software for whatever you want, in parts or full form, without having to pay us. ('royalty-free' usage)

o You may not pretend that you wrote this software. If you use it, or only parts of it, in a program, you must acknowledge somewhere in your documentation that you have used the FreeType code. (`credits')

We specifically permit and encourage the inclusion of this software, with or without modifications, in commercial products. We disclaim all warranties covering The FreeType Project and assume no liability related to The FreeType Project.

Finally, many people asked us for a preferred form for a credit/disclaimer to use in compliance with this license. We thus encourage you to use the following text:

.....

Portions of this software are copyright <year> The FreeType Project (www.freetype.org). All rights reserved.

Please replace <year> with the value from the FreeType version you actually use.

#### Legal Terms

\_\_\_\_\_

## 0. Definitions

-----

Throughout this license, the terms `package', `FreeType Project', and `FreeType archive' refer to the set of files originally distributed by the authors (David Turner, Robert Wilhelm, and

Werner Lemberg) as the `FreeType Project', be they named as alpha, beta or final release.

`You' refers to the licensee, or person using the project, where `using' is a generic term including compiling the project's source code as well as linking it to form a `program' or `executable'. This program is referred to as `a program using the FreeType engine'.

This license applies to all files distributed in the original FreeType Project, including all source code, binaries and documentation, unless otherwise stated in the file in its original, unmodified form as distributed in the original archive. If you are unsure whether or not a particular file is covered by this license, you must contact us to verify this.

The FreeType Project is copyright (C) 1996-2000 by David Turner, Robert Wilhelm, and Werner Lemberg. All rights reserved except as specified below.

#### 1. No Warranty

-----

THE FREETYPE PROJECT IS PROVIDED `AS IS' WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL ANY OF THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY DAMAGES CAUSED BY THE USE OR THE INABILITY TO USE, OF THE FREETYPE PROJECT.

#### 2. Redistribution

\_\_\_\_\_

This license grants a worldwide, royalty-free, perpetual and irrevocable right and license to use, execute, perform, compile, display, copy, create derivative works of, distribute and sublicense the FreeType Project (in both source and object code forms) and derivative works thereof for any purpose; and to authorize others to exercise some or all of the rights granted herein, subject to the following conditions:

o Redistribution of source code must retain this license file ('FTL.TXT') unaltered; any additions, deletions or changes to the original files must be clearly indicated in accompanying documentation. The copyright notices of the unaltered, original files must be preserved in all copies of source files. o Redistribution in binary form must provide a disclaimer that states that the software is based in part of the work of the FreeType Team, in the distribution documentation. We also encourage you to put an URL to the FreeType web page in your documentation, though this isn't mandatory.

These conditions apply to any software derived from or based on the FreeType Project, not just the unmodified files. If you use our work, you must acknowledge us. However, no fee need be paid to us.

#### 3. Advertising

\_\_\_\_\_

Neither the FreeType authors and contributors nor you shall use the name of the other for commercial, advertising, or promotional purposes without specific prior written permission.

We suggest, but do not require, that you use one or more of the following phrases to refer to this software in your documentation or advertising materials: 'FreeType Project', 'FreeType Engine', 'FreeType library', or 'FreeType Distribution'.

As you have not signed this license, you are not required to accept it. However, as the FreeType Project is copyrighted material, only this license, or another one contracted with the authors, grants you the right to use, distribute, and modify it. Therefore, by using, distributing, or modifying the FreeType Project, you indicate that you understand and accept all the terms of this license.

#### 4. Contacts

-----

There are two mailing lists related to FreeType:

#### o freetype@nongnu.org

Discusses general use and applications of FreeType, as well as future and wanted additions to the library and distribution. If you are looking for support, start in this list if you haven't found anything to help you in the documentation.

#### o freetype-devel@nongnu.org

Discusses bugs, as well as engine internals, design issues, specific licenses, porting, etc.

#### Our home page can be found at

http://www.freetype.org

•••

### GPL v2

•••

# GNU GENERAL PUBLIC LICENSE Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and

(2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

## GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of

a) Accompany it with the complete corresponding machine-readablesource code, which must be distributed under the terms of Sections1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by

modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

# NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.> Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if

necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program 'Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989 Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

#### 

--- fthash.c and fthash.h are covered by the following notices ---

/\*

\* Copyright 2000 Computing Research Labs, New Mexico State University

\* Copyright 2001-2015

\* Francesco Zappa Nardelli

\*

\* Permission is hereby granted, free of charge, to any person obtaining a

\* copy of this software and associated documentation files (the "Software"),

\* to deal in the Software without restriction, including without limitation

\* the rights to use, copy, modify, merge, publish, distribute, sublicense,

\* and/or sell copies of the Software, and to permit persons to whom the

\* Software is furnished to do so, subject to the following conditions:

\*

\* The above copyright notice and this permission notice shall be included in

\* all copies or substantial portions of the Software.

\*

\* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR \* IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, \* FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL \* THE COMPUTING RESEARCH LAB OR NEW MEXICO STATE UNIVERSITY BE LIABLE FOR ANY \* CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT \* OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR \* THE USE OR OTHER DEALINGS IN THE SOFTWARE. \*/

\* This file is based on code from bdf.c,v 1.22 2000/03/16 20:08:50

\* taken from Mark Leisher's xmbdfed package

\*

#### 

--- FreeType 2 PSaux module is covered by the following notices ---

#### Copyright 2006-2014 Adobe Systems Incorporated.

This software, and all works of authorship, whether in source or object code form as indicated by the copyright notice(s) included herein (collectively, the "Work") is made available, and may only be used, modified, and distributed under the FreeType Project License, LICENSE.TXT. Additionally, subject to the terms and conditions of the FreeType Project License, each contributor to the Work hereby grants to any individual or legal entity exercising permissions granted by the FreeType Project License and this section (hereafter, "You" or "Your") a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such contributor that are necessarily infringed by their contribution(s) alone or by combination of their contribution(s) with the Work to which such contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

By using, modifying, or distributing the Work you indicate that you have read and understood the terms and conditions of the FreeType Project License as well as those provided in this section, and you accept them fully.

~~~

## Apache Xalan v2.7.2

### Apache Xalan Notice

\_\_\_\_

== NOTICE file corresponding to the section 4d of the Apache License, Version 2.0, ==

== in this case for the Apache Xalan distribution.

This product includes software developed by The Apache Software Foundation (http://www.apache.org/).

Specifically, we only include the XSLTC portion of the source from the Xalan distribution. The Xalan project has two processors: an interpretive one (Xalan Interpretive) and a compiled one (The XSLT Compiler (XSLTC)). We \*only\* use the XSLTC part of Xalan; We use the source from the packages that are part of the XSLTC sources.

Portions of this software was originally based on the following:

- software copyright (c) 1999-2002, Lotus Development Corporation., http://www.lotus.com.
- software copyright (c) 2001-2002, Sun Microsystems., http://www.sun.com.
- software copyright (c) 2003, IBM Corporation., http://www.ibm.com.
- voluntary contributions made by Ovidiu Predescu (ovidiu@cup.hp.com) on behalf of the Apache Software Foundation and was originally developed at Hewlett Packard Company.

====

### Apache 2.0 License

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

# TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed

as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this

License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

#### JLEX COPYRIGHT NOTICE, LICENSE AND DISCLAIMER.

Copyright 1996-2003 by Elliot Joel Berk and C. Scott Ananian Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both the copyright notice and this permission notice and warranty disclaimer appear in supporting documentation, and that the name of the authors or their employers not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

The authors and their employers disclaim all warranties with regard to this software, including all implied warranties of merchantability and fitness. In no event shall the authors or their employers be liable for any special, indirect or consequential damages or any damages whatsoever resulting from loss of use, data or profits, whether in an action of contract, negligence or other tortious action, arising out of or in connection with the use or performance of this software. The portions of JLex output which are hard-coded into the JLex source code are (naturally) covered by this same license.

 ## jopt-simple v5.0.4

### MIT License

Copyright (c) 2004-2015 Paul R. Holser, Jr.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

 ## DOM Level 3 Core Specification v1.0

### W3C License

### W3C SOFTWARE NOTICE AND LICENSE

http://www.w3.org/Consortium/Legal/2002/copyright-software-20021231

This work (and included software, documentation such as READMEs, or other related items) is being provided by the copyright holders under the following license. By obtaining, using and/or copying this work, you (the licensee) agree that you have read, understood, and will comply with the following terms

and conditions.

Permission to copy, modify, and distribute this software and its documentation, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the software and documentation or portions thereof, including modifications:

1. The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.

2.Any pre-existing intellectual property disclaimers, notices, or terms and conditions. If none exist, the W3C Software Short Notice should be included (hypertext is preferred, text is permitted) within the body of any redistributed or derivative code.

3.Notice of any changes or modifications to the files, including the date changes were made. (We recommend you provide URIs to the location from which the code is derived.)

THIS SOFTWARE AND DOCUMENTATION IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENTATION WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENTATION. The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the software without specific, written prior permission. Title to copyright in this software and any associated documentation will at all times remain with copyright holders.

This formulation of W3C's notice and license became active on December 31 2002. This version removes the copyright ownership notice such that this license can be used with materials other than those owned by the W3C, reflects that ERCIM is now a host of the W3C, includes references to this specific dated version of the license, and removes the ambiguous grant of "use". Otherwise, this version is the same as the previous version and is written so as to preserve the Free Software Foundation's assessment of GPL compatibility and OSI's certification under the Open Source Definition. Please see our Copyright FAQ for common questions about using materials from our site, including specific terms and conditions for packages like libwww, Amaya, and Jigsaw. Other questions about this notice can be directed to site-policy@w3.org.

PNG Reference Library License version 2

-----

- \* Copyright (c) 1995-2019 The PNG Reference Library Authors.
- \* Copyright (c) 2018-2019 Cosmin Truta.
- \* Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson.
- \* Copyright (c) 1996-1997 Andreas Dilger.
- \* Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

The software is supplied "as is", without warranty of any kind, express or implied, including, without limitation, the warranties of merchantability, fitness for a particular purpose, title, and non-infringement. In no event shall the Copyright owners, or anyone distributing the software, be liable for any damages or other liability, whether in contract, tort or otherwise, arising from, out of, or in connection with the software, or the use or other dealings in the software, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this software, or portions hereof, for any purpose, without fee, subject to the following restrictions:

- 1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated, but is not required.
- 2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
- 3. This Copyright notice may not be removed or altered from any source or altered source distribution.

PNG Reference Library License version 1 (for libpng 0.5 through 1.6.35)

libpng versions 1.0.7, July 1, 2000, through 1.6.35, July 15, 2018 are Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson, are derived from libpng-1.0.6, and are distributed according to the same disclaimer and license as libpng-1.0.6 with the following individuals added to the list of Contributing Authors: Simon-Pierre Cadieux Eric S. Raymond Mans Rullgard Cosmin Truta Gilles Vollant James Yu Mandar Sahastrabuddhe Google Inc. Vadim Barkov

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes or needs. This library is provided with all faults, and the entire risk of satisfactory quality, performance, accuracy, and effort is with the user.

Some files in the "contrib" directory and some configure-generated files that are distributed with libpng have other copyright owners, and are released under other open source licenses.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are Copyright (c) 1998-2000 Glenn Randers-Pehrson, are derived from libpng-0.96, and are distributed according to the same disclaimer and license as libpng-0.96, with the following individuals added to the list of Contributing Authors:

Tom Lane Glenn Randers-Pehrson Willem van Schaik

libpng versions 0.89, June 1996, through 0.96, May 1997, are Copyright (c) 1996-1997 Andreas Dilger, are derived from libpng-0.88, and are distributed according to the same disclaimer and license as libpng-0.88, with the following individuals added to the list of Contributing Authors:

John Bowler Kevin Bracey Sam Bushell Magnus Holmgren Greg Roelofs Tom Tanner

Some files in the "scripts" directory have other copyright owners, but are released under this license. libpng versions 0.5, May 1995, through 0.88, January 1996, are Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors" is defined as the following set of individuals:

Andreas Dilger Dave Martindale Guy Eric Schalnat Paul Schmidt Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing Authors and Group 42, Inc. disclaim all warranties, expressed or implied, including, without limitation, the warranties of merchantability and of fitness for any purpose. The Contributing Authors and Group 42, Inc. assume no liability for direct, indirect, incidental, special, exemplary, or consequential damages, which may result from the use of the PNG Reference Library, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this source code, or portions hereof, for any purpose, without fee, subject to the following restrictions:

- 1. The origin of this source code must not be misrepresented.
- 2. Altered versions must be plainly marked as such and must not be misrepresented as being the original source.
- 3. This Copyright notice may not be removed or altered from any source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit, without fee, and encourage the use of this source code as a component to supporting the PNG file format in commercial products. If you use this source code in a product, acknowledgment is not required but would be appreciated.

The GNU General Public License (GPL)

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc. 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

## TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does

not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either

source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or

other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

# NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE

PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.

Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'. This is free software, and you are welcome to redistribute it under certain conditions; type 'show c' for details.

The hypothetical commands 'show w' and 'show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than 'show w' and 'show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program 'Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

#### "CLASSPATH" EXCEPTION TO THE GPL

Certain source files distributed by Oracle America and/or its affiliates are subject to the following clarification and special exception to the GPL, but only where Oracle has expressly included in the particular source file's header the words "Oracle designates this particular file as subject to the "Classpath" exception as provided by Oracle in the LICENSE file that accompanied this code."

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License cover the whole combination.

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version. ## Dynalink v.5

### Dynalink License

Copyright (c) 2009-2013, Attila Szegedi

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
\* Neither the name of the copyright holder nor the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL COPYRIGHT HOLDER BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright (c) % YEARS% Oracle and/or its affiliates. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- Neither the name of Oracle nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. ## JSZip v3.2.1

### MIT License

Copyright (c) 2009-2016 Stuart Knightley, David Duponchel, Franz Buchinger, Antnio Afonso

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*

The JSZip JavaScript Library v3.2.1 also includes pako

pako includes the following license:

(The MIT License)

Copyright (C) 2014-2017 by Vitaly Puzrin and Andrei Tuputcyn

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*

 ## Independent JPEG Group: JPEG release 6b

### JPEG License

•••

Copyright (C) 1991-1998, Thomas G. Lane.

This software is the work of Tom Lane, Philip Gladstone, Jim Boucher, Lee Crocker, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Guido Vollbeding, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the official ISO JPEG standards committee.

The authors make NO WARRANTY or representation, either express or implied, with respect to this software, its quality, accuracy, merchantability, or fitness for a particular purpose. This software is provided "AS IS", and you, its user, assume the entire risk as to its quality and accuracy.

This software is copyright (C) 1991-1998, Thomas G. Lane. All Rights Reserved except as specified below. Permission is hereby granted to use, copy, modify, and distribute this software (or portions thereof) for any purpose, without fee, subject to these conditions:

(1) If any part of the source code for this software is distributed, then this README file must be included, with this copyright and no-warranty notice unaltered; and any additions, deletions, or changes to the original files must be clearly indicated in accompanying documentation.

(2) If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the Independent JPEG Group".

(3) Permission for use of this software is granted only if the user accepts full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name in advertising or publicity relating to this software or products derived from it. This software may be referred to only as "the Independent JPEG Group's software".

We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are assumed by the product vendor.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

We are required to state that "The Graphics Interchange Format(c) is

the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CompuServe Incorporated."

~~~

## PC/SC Lite v1.8.24

### PC/SC Lite License

Copyright (c) 1999-2003 David Corcoran <corcoran@linuxnet.com> Copyright (c) 2001-2011 Ludovic Rousseau <ludovic.rousseau@free.fr> All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- 3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

Changes to this license can be made only by the copyright author with explicit written consent.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## Little Color Management System (LCMS) v2.9

### LCMS License

Little Color Management System Copyright (c) 1998-2011 Marti Maria Saguer Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### 

Copyright (c) 1999-2003 David Corcoran <corcoran@musclecard.com> Copyright (c) 2001-2011 Ludovic Rousseau <ludovic.rousseau@free.fr> All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- 3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Some files are under GNU GPL v3 or any later version

- doc/example/pcsc\_demo.c
- the files in src/spy/
- the files in UnitaryTests/

Copyright (C) 2003-2014 Ludovic Rousseau

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <http://www.gnu.org/licenses/>.

Files src/auth.c and src/auth.h are:

\* Copyright (C) 2013 Red Hat \* All rights reserved. \* Redistribution and use in source and binary forms, with or without \* modification, are permitted provided that the following conditions \* are met: \* 1. Redistributions of source code must retain the above copyright \* notice, this list of conditions and the following disclaimer. \* 2. Redistributions in binary form must reproduce the above copyright \* notice, this list of conditions and the following disclaimer in the \* documentation and/or other materials provided with the distribution. \* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS \* "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT \* LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS \* FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE \* COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, \* INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, \* BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS \* OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED \* AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, \* OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF

\* THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH \* DAMAGE.

\*

\* Author: Nikos Mavrogiannopoulos <nmav@redhat.com>

Files src/simclist.c and src/simclist.h are:

\* Copyright (c) 2007,2008,2009,2010,2011 Mij <mij@bitchx.it>

\*

\* Permission to use, copy, modify, and 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.

\*

\* THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES
\* WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF
\* MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR
\* ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES
\* WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN
\* ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF
\* OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
## xwd v1.0.7

### xwd utility

This is the copyright for the files in src/java.desktop/unix/native/libawt\_xawt: list.h, multiVis.h, wsutils.h, list.c, multiVis.c

Copyright 1994 Hewlett-Packard Co. Copyright 1996, 1998 The Open Group

Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation.

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE OPEN GROUP BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of The Open Group shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from The Open Group.

## Mozilla Elliptic Curve Cryptography (ECC)

### Mozilla ECC Notice

This notice is provided with respect to Elliptic Curve Cryptography, which is included with JRE, JDK, and OpenJDK.

You are receiving a

[copy](http://hg.openjdk.java.net/jdk9/jdk9/jdk/file/tip/src/jdk.crypto.ec/share/native/libsunec/impl) of the Elliptic Curve Cryptography library in source form with the JDK and OpenJDK source distributions, and as object code in the JRE & JDK runtimes.

### 

In the case of the JRE & JDK runtimes, the terms of the Oracle license do NOT apply to the Elliptic Curve Cryptography library; it is licensed under the following license, separately from Oracle's JDK & JRE. If you do not wish to install the Elliptic Curve Cryptography library, you may delete the Elliptic Curve Cryptography library:

- On Solaris and Linux systems: delete \$(JAVA\_HOME)/lib/libsunec.so

- On Mac OSX systems: delete \$(JAVA\_HOME)/lib/libsunec.dylib

- On Windows systems: delete  $(JAVA\_HOME)$  bin/sunec.dll

### Written Offer for Source Code

For third party technology that you receive from Oracle in binary form which is licensed under an open source license that gives you the right to receive the source code for that binary, you can obtain a copy of the applicable source code from this page: http://hg.openjdk.java.net/jdk9/jdk9/jdk/file/tip/src/jdk.crypto.ec/share/native/libsunec/impl

If the source code for the technology was not provided to you with the binary, you can also receive a copy of the source code on physical media by submitting a written request to:

Oracle America, Inc. Attn: Associate General Counsel, Development and Engineering Legal 500 Oracle Parkway, 10th Floor Redwood Shores, CA 94065

Or, you may send an email to Oracle using the form at:

### http://www.oracle.com/goto/opensourcecode/request

Your request should include:

- The name of the component or binary file(s) for which you are requesting the source code
- The name and version number of the Oracle product containing the binary
- The date you received the Oracle product
- Your name
- Your company name (if applicable)
- Your return mailing address and email and

- A telephone number in the event we need to reach you.

We may charge you a fee to cover the cost of physical media and processing. Your request must be sent (i) within three (3) years of the date you received the Oracle product that included the component or binary file(s) that are the subject of your request, or (ii) in the case of code licensed under the GPL v3, for as long as Oracle offers spare parts or customer support for that product model.

### LGPL 2.1

# GNU LESSER GENERAL PUBLIC LICENSE Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc. 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license. Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

# GNU LESSER GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee. 2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License. 3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law. If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with. c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

 a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice. This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

## NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.> Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker. <signature of Ty Coon>, 1 April 1990 Ty Coon, President of Vice

That's all there is to it!

#### 

# This file contains a list of people who've made non-trivial# contribution to the Google C++ Mocking Framework project. People# who commit code to the project are encouraged to add their names# here. Please keep the list sorted by first names.

Benoit Sigoure <tsuna@google.com> Bogdan Piloca <boo@google.com> Chandler Carruth <chandlerc@google.com> Dave MacLachlan <dmaclach@gmail.com> David Anderson <danderson@google.com> Dean Sturtevant Gene Volovich <gv@cite.com> Hal Burch <gmock@hburch.com> Jeffrey Yasskin <jyasskin@google.com> Jim Keller <jimkeller@google.com> Joe Walnes <joe@truemesh.com> Jon Wray <jwray@google.com> Keir Mierle <mierle@gmail.com> Keith Ray <keith.ray@gmail.com> Kostya Serebryany <kcc@google.com> Lev Makhlis Manuel Klimek <klimek@google.com> Mario Tanev <radix@google.com> Mark Paskin Markus Heule <markus.heule@gmail.com> Matthew Simmons <simmonmt@acm.org> Mike Bland <mbland@google.com> Neal Norwitz <nnorwitz@gmail.com> Nermin Ozkiranartli <nermin@google.com> Owen Carlsen <ocarlsen@google.com> Paneendra Ba <paneendra@google.com> Paul Menage <menage@google.com> Piotr Kaminski <piotrk@google.com> Russ Rufer <russ@pentad.com> Sverre Sundsdal <sundsdal@gmail.com> Takeshi Yoshino <tyoshino@google.com> Vadim Berman <vadimb@google.com> Vlad Losev <vladl@google.com> Wolfgang Klier <wklier@google.com> Zhanyong Wan <wan@google.com>

### zlib License

Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.

2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.

3. This notice may not be removed or altered from any source distribution.

| Jean-loup Gailly | Mark Adler                |
|------------------|---------------------------|
| jloup@gzip.org   | madler@alumni.caltech.edu |

 ## Apache Xerces v2.12.0

### Apache Xerces Notice

== NOTICE file corresponding to section 4(d) of the Apache License, ==

== Version 2.0, in this case for the Apache Xerces Java distribution. ==

Apache Xerces Java

Copyright 1999-2018 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (http://www.apache.org/).

Portions of this software were originally based on the following:

- software copyright (c) 1999, IBM Corporation., http://www.ibm.com.

- software copyright (c) 1999, Sun Microsystems., http://www.sun.com.

- voluntary contributions made by Paul Eng on behalf of the

Apache Software Foundation that were originally developed at iClick, Inc.,

software copyright (c) 1999.

### Apache 2.0 License

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

 ## CUP Parser Generator for Java v 0.11b

### CUP Parser Generator License

Copyright 1996-2015 by Scott Hudson, Frank Flannery, C. Scott Ananian, Michael Petter

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both the copyright notice and this permission notice and warranty disclaimer appear in supporting documentation, and that the names of the authors or their employers not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

The authors and their employers disclaim all warranties with regard to this software, including all implied warranties of merchantability and fitness. In no event shall the authors or their employers be liable for any special, indirect or consequential damages or any damages whatsoever resulting from loss of use, data or profits, whether in an action of contract, negligence or other tortious action, arising out of or in connection with the use or performance of this software.

 This is the copyright file ## Harfbuzz v2.3.1

## ### Harfbuzz License

http://cgit.freedesktop.org/harfbuzz/tree/COPYING

HarfBuzz is licensed under the so-called "Old MIT" license. Details follow.

For parts of HarfBuzz that are licensed under different licenses see individual files names COPYING in subdirectories where applicable.

Copyright2010,2011,2012Google, Inc.Copyright2012Mozilla FoundationCopyright2011Codethink LimitedCopyright2008,2010Nokia Corporation and/or its subsidiary(-ies)Copyright2009Keith StribleyCopyright2009Martin Hosken and SIL InternationalCopyright2007Chris WilsonCopyright2006Behdad EsfahbodCopyright2005David TurnerCopyright2004,2007,2008,2009,2010Red Hat, Inc.Copyright1998-2004David Turner and Werner Lemberg

For full copyright notices consult the individual files in the package.

Permission is hereby granted, without written agreement and without license or royalty fees, to use, copy, modify, and distribute this software and its documentation for any purpose, provided that the above copyright notice and the following two paragraphs appear in all copies of this software.

IN NO EVENT SHALL THE COPYRIGHT HOLDER BE LIABLE TO ANY PARTY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS SOFTWARE AND ITS DOCUMENTATION, EVEN IF THE COPYRIGHT HOLDER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

THE COPYRIGHT HOLDER SPECIFICALLY DISCLAIMS ANY WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE SOFTWARE PROVIDED HEREUNDER IS ON AN "AS IS" BASIS, AND THE COPYRIGHT HOLDER HAS NO OBLIGATION TO PROVIDE MAINTENANCE, SUPPORT, UPDATES, ENHANCEMENTS, OR MODIFICATIONS.

All source code, except for one section, is licensed as above. The one exception is licensed with a slightly different MIT variant: The contents of this directory are licensed under the following terms:

Copyright (C) 2012 Grigori Goronzy <greg@kinoho.net>

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.

# THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF

MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

 Copyright 2008, Google Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. ## JLine v3.12.1

### JLine License

Copyright (c) 2002-2018, the original author or authors. All rights reserved.

https://opensource.org/licenses/BSD-3-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of JLine nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

All images in this directory are copyright 1995 by Jeff Dinkins. Unauthorized reproduction is prohibited.

For more information about Jeff's photographs, please see: http://www.theFixx.org/Jeff jpackage test license file (just some sample text). ## Thai Dictionary

### Thai Dictionary License

Copyright (C) 1982 The Royal Institute, Thai Royal Government.

Copyright (C) 1998 National Electronics and Computer Technology Center, National Science and Technology Development Agency, Ministry of Science Technology and Environment, Thai Royal Government.

Permission is hereby granted, free of charge, to any person obtaining a copy

of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

#### 

Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/

#### Files: \*

Copyright: APPLICATION\_COPYRIGHT License: APPLICATION\_LICENSE\_TEXT # This file contains a list of people who've made non-trivial # contribution to the Google C++ Testing Framework project. People # who commit code to the project are encouraged to add their names # here. Please keep the list sorted by first names.

Ajay Joshi <jaj@google.com> Balzs Dn <balazs.dan@gmail.com> Bharat Mediratta <br/>bharat@menalto.com> Chandler Carruth <chandlerc@google.com> Chris Prince <cprince@google.com> Chris Taylor <taylorc@google.com> Dan Egnor <egnor@google.com> Eric Roman <eroman@chromium.org> Hady Zalek <hady.zalek@gmail.com> Jeffrey Yasskin <jyasskin@google.com> Ji Sigursson <joi@google.com> Keir Mierle <mierle@gmail.com> Keith Ray <keith.ray@gmail.com> Kenton Varda <kenton@google.com> Manuel Klimek <klimek@google.com> Markus Heule <markus.heule@gmail.com> Mika Raento <mikie@iki.fi> Mikls Fazekas <mfazekas@szemafor.com> Pasi Valminen <pasi.valminen@gmail.com> Patrick Hanna <phanna@google.com>

Patrick Riley <pfr@google.com> Peter Kaminski <piotrk@google.com> Preston Jackson <preston.a.jackson@gmail.com> Rainer Klaffenboeck <rainer.klaffenboeck@dynatrace.com> Russ Cox <rsc@google.com> Russ Rufer <russ@pentad.com> Sean Mcafee <eefacm@gmail.com> Sigurur sgeirsson <siggi@google.com> Tracy Bialik <tracy@pentad.com> Vadim Berman <vadimb@google.com> Vlad Losev <vladl@google.com> Zhanyong Wan <wan@google.com>

#### ADDITIONAL INFORMATION ABOUT LICENSING

Certain files distributed by Oracle America, Inc. and/or its affiliates are subject to the following clarification and special exception to the GPLv2, based on the GNU Project exception for its Classpath libraries, known as the GNU Classpath Exception.

Note that Oracle includes multiple, independent programs in this software package. Some of those programs are provided under licenses deemed incompatible with the GPLv2 by the Free Software Foundation and others. For example, the package includes programs licensed under the Apache License, Version 2.0 and may include FreeType. Such programs are licensed to you under their original licenses.

Oracle facilitates your further distribution of this package by adding the Classpath Exception to the necessary parts of its GPLv2 code, which permits you to use that code in combination with other independent modules not licensed under the GPLv2. However, note that this would not permit you to commingle code under an incompatible license with Oracle's GPLv2 licensed code by, for example, cutting and pasting such code into a file also containing Oracle's GPLv2 licensed code and then distributing the result.

Additionally, if you were to remove the Classpath Exception from any of the files to which it applies and distribute the result, you would likely be required to license some or all of the other code in that distribution under the GPLv2 as well, and since the GPLv2 is incompatible with the license terms of some items included in the distribution by Oracle, removing the Classpath Exception could therefore effectively compromise your ability to further distribute the package.

Failing to distribute notices associated with some files may also create unexpected legal consequences.

Proceed with caution and we recommend that you obtain the advice of a lawyer skilled in open source matters before removing the Classpath Exception or making modifications to this package which may subsequently be redistributed

and/or involve the use of third party software. ## Apache Commons Byte Code Engineering Library (BCEL) Version 6.3.1

### Apache Commons BCEL Notice

 ==
 NOTICE file corresponding to the section 4 d of
 ==

 ==
 the Apache License, Version 2.0,
 ==

 ==
 in this case for the Apache Commons BCEL distribution.
 ==

This product includes software developed by The Apache Software Foundation (http://www.apache.org/).

### Apache 2.0 License

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files. "Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made,

use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability

incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

## Cryptix AES v3.2.0

### Cryptix General License

Cryptix General License

Copyright (c) 1995-2005 The Cryptix Foundation Limited. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE CRYPTIX FOUNDATION LIMITED AND CONTRIBUTORS ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE CRYPTIX FOUNDATION LIMITED OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

 ## Mesa 3-D Graphics Library v19.2.1

### Mesa License

•••

Copyright (C) 1999-2007 Brian Paul All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

#### Attention, Contributors

When contributing to the Mesa project you must agree to the licensing terms of the component to which you're contributing.

The following section lists the primary components of the Mesa distribution and their respective licenses.

Mesa Component Licenses

License Component Location MIT Main Mesa code src/mesa/ Device drivers src/mesa/drivers/\* MIT, generally Gallium code src/gallium/ MIT GL/glext.h Ext headers Khronos GL/glxext.h Khronos GL/wglext.h Khronos KHR/khrplatform.h Khronos \*\*\*\*\*\*\*

include/GL/gl.h :

Mesa 3-D graphics library

Copyright (C) 1999-2006 Brian Paul All Rights Reserved. Copyright (C) 2009 VMware, Inc. All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

include/GL/glext.h include/GL/glxext.h include/GL/wglxext.h :

Copyright (c) 2013 - 2018 The Khronos Group Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and/or associated documentation files (the "Materials"), to deal in the Materials without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Materials, and to permit persons to whom the Materials are furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Materials.

THE MATERIALS ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE MATERIALS OR THE USE OR OTHER DEALINGS IN THE MATERIALS.

---include/KHR/khrplatform.h :

Copyright (c) 2008 - 2018 The Khronos Group Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and/or associated documentation files (the "Materials"), to deal in the Materials without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Materials, and to permit persons to whom the Materials are furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Materials.

# THE MATERIALS ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF

MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE MATERIALS OR THE USE OR OTHER DEALINGS IN THE MATERIALS.

•••

## JRuby Joni v2.1.16

### MIT License

Copyright (c) 2017 JRuby Team

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

 ## Apache Santuario v2.1.4

### Apache Santuario Notice

Apache Santuario - XML Security for Java Copyright 1999-2019 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (http://www.apache.org/).

It was originally based on software copyright (c) 2001, Institute for Data Communications Systems, <a href="http://www.nue.et-inf.uni-siegen.de/">http://www.nue.et-inf.uni-siegen.de/</a>>.

The development of this software was partly funded by the European Commission in the <WebSig> project in the ISIS Programme.

### Apache 2.0 License

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below). "Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed

with Licensor regarding such Contributions.

- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

All images in this directory are copyright 1995 by Jeff Dinkins. ## GIFLIB v5.2.1

### GIFLIB License

The GIFLIB distribution is Copyright (c) 1997 Eric S. Raymond

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE. https://sourceforge.net/p/giflib/code/ci/master/tree/openbsd-reallocarray.c

Copyright (c) 2008 Otto Moerbeek <otto@drijf.net> SPDX-License-Identifier: MIT ## libpng v1.6.37

### libpng License

#### COPYRIGHT NOTICE, DISCLAIMER, and LICENSE

\_\_\_\_\_

### PNG Reference Library License version 2

-----

- \* Copyright (c) 1995-2019 The PNG Reference Library Authors.
- \* Copyright (c) 2018-2019 Cosmin Truta.
- \* Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson.
- \* Copyright (c) 1996-1997 Andreas Dilger.
- \* Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

The software is supplied "as is", without warranty of any kind, express or implied, including, without limitation, the warranties of merchantability, fitness for a particular purpose, title, and non-infringement. In no event shall the Copyright owners, or anyone distributing the software, be liable for any damages or other liability, whether in contract, tort or otherwise, arising from, out of, or in connection with the software, or the use or other dealings in the software, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this software, or portions hereof, for any purpose, without fee, subject to the following restrictions:

- 1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated, but is not required.
- 2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
- 3. This Copyright notice may not be removed or altered from any source or altered source distribution.

PNG Reference Library License version 1 (for libpng 0.5 through 1.6.35)

libpng versions 1.0.7, July 1, 2000, through 1.6.35, July 15, 2018 are Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson, are derived from libpng-1.0.6, and are distributed according to the same disclaimer and license as libpng-1.0.6 with the following individuals added to the list of Contributing Authors:

Simon-Pierre Cadieux Eric S. Raymond Mans Rullgard Cosmin Truta Gilles Vollant James Yu Mandar Sahastrabuddhe Google Inc. Vadim Barkov

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes or needs. This library is provided with all faults, and the entire risk of satisfactory quality, performance, accuracy, and effort is with the user.

Some files in the "contrib" directory and some configure-generated files that are distributed with libpng have other copyright owners, and are released under other open source licenses.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are Copyright (c) 1998-2000 Glenn Randers-Pehrson, are derived from libpng-0.96, and are distributed according to the same disclaimer and license as libpng-0.96, with the following individuals added to the list of Contributing Authors:

Tom Lane Glenn Randers-Pehrson Willem van Schaik

libpng versions 0.89, June 1996, through 0.96, May 1997, are Copyright (c) 1996-1997 Andreas Dilger, are derived from libpng-0.88, and are distributed according to the same disclaimer and license as libpng-0.88, with the following individuals added to the list of Contributing Authors:

John Bowler

Kevin Bracey Sam Bushell Magnus Holmgren Greg Roelofs Tom Tanner

Some files in the "scripts" directory have other copyright owners, but are released under this license.

libpng versions 0.5, May 1995, through 0.88, January 1996, are Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors" is defined as the following set of individuals:

Andreas Dilger Dave Martindale Guy Eric Schalnat Paul Schmidt Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing Authors and Group 42, Inc. disclaim all warranties, expressed or implied, including, without limitation, the warranties of merchantability and of fitness for any purpose. The Contributing Authors and Group 42, Inc. assume no liability for direct, indirect, incidental, special, exemplary, or consequential damages, which may result from the use of the PNG Reference Library, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this source code, or portions hereof, for any purpose, without fee, subject to the following restrictions:

- 1. The origin of this source code must not be misrepresented.
- 2. Altered versions must be plainly marked as such and must not be misrepresented as being the original source.
- 3. This Copyright notice may not be removed or altered from any source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit, without fee, and encourage the use of this source code as a component to supporting the PNG file format in commercial products. If you use this source code in a product, acknowledgment is not required but would be appreciated.  ## jQuery v3.4.1

### jQuery License

jQuery v 3.4.1 Copyright JS Foundation and other contributors, https://js.foundation/

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\*\*\*\*\*\*

The jQuery JavaScript Library v3.4.1 also includes Sizzle.js

Sizzle.js includes the following license:

Copyright JS Foundation and other contributors, https://js.foundation/

This software consists of voluntary contributions made by many individuals. For exact contribution history, see the revision history available at https://github.com/jquery/sizzle

The following license applies to all parts of this software except as documented below:

\_\_\_\_

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

====

All files located in the node\_modules and external directories are externally maintained libraries used by this software which have their own licenses; we recommend you read them, as their terms may differ from the terms above.

\*\*\*\*\*

•••

## The Unicode Standard, Unicode Character Database, Version 12.1.0

### Unicode Character Database

#### UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE

See Terms of Use for definitions of Unicode Inc.'s Data Files and Software.

NOTICE TO USER: Carefully read the following legal agreement. BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"), YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR SOFTWARE.

COPYRIGHT AND PERMISSION NOTICE

Copyright 1991-2019 Unicode, Inc. All rights reserved. Distributed under the Terms of Use in https://www.unicode.org/copyright.html. Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that either (a) this copyright and permission notice appear with all copies of the Data Files or Software, or (b) this copyright and permission notice appear in associated Documentation.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

•••

Copyright (c) % YEARS% Oracle and/or its affiliates. All rights reserved. DO NOT ALTER OR REMOVE COPYRIGHT NOTICES OR THIS FILE HEADER.

This code is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License version 2 only, as published by the Free Software Foundation.

This code is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License version 2 for more details (a copy is included in the LICENSE file that accompanied this code).

You should have received a copy of the GNU General Public License version 2 along with this work; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA.

Please contact Oracle, 500 Oracle Parkway, Redwood Shores, CA 94065 USA

or visit www.oracle.com if you need additional information or have any questions.

## jQuery UI v1.12.1

### jQuery UI License

Copyright jQuery Foundation and other contributors, https://jquery.org/

This software consists of voluntary contributions made by many individuals. For exact contribution history, see the revision history available at https://github.com/jquery/jquery-ui

The following license applies to all parts of this software except as documented below:

====

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\_\_\_\_

Copyright and related rights for sample code are waived via CC0. Sample code is defined as all source code contained within the demos directory.

CC0: http://creativecommons.org/publicdomain/zero/1.0/

\_\_\_\_

All files located in the node\_modules and external directories are externally maintained libraries used by this software which have their own licenses; we recommend you read them, as their terms may differ from the terms above.

•••

#### UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE

See Terms of Use for definitions of Unicode Inc.'s Data Files and Software.

NOTICE TO USER: Carefully read the following legal agreement. BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"), YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR SOFTWARE.

#### COPYRIGHT AND PERMISSION NOTICE

Copyright 1991-2019 Unicode, Inc. All rights reserved. Distributed under the Terms of Use in https://www.unicode.org/copyright.html.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that either (a) this copyright and permission notice appear with all copies of the Data Files or Software, or (b) this copyright and permission notice appear in associated Documentation.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder. ## Unicode Common Local Data Repository (CLDR) v36

### CLDR License

•••

#### UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE

See Terms of Use for definitions of Unicode Inc.'s Data Files and Software.

NOTICE TO USER: Carefully read the following legal agreement. BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"), YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR SOFTWARE.

#### COPYRIGHT AND PERMISSION NOTICE

Copyright 1991-2019 Unicode, Inc. All rights reserved. Distributed under the Terms of Use in https://www.unicode.org/copyright.html.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that either (a) this copyright and permission notice appear with all copies of the Data Files or Software, or (b) this copyright and permission notice appear in associated Documentation.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE. Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

~~~

# 1.120 busybox 1.32.1-r6

### 1.120.1 Available under license :

bzip2 applet in busybox is based on lightly-modified source of bzip2 version 1.0.4. bzip2 source is distributed under the following conditions (copied verbatim from LICENSE file)

This program, "bzip2", the associated library "libbzip2", and all documentation, are copyright (C) 1996-2006 Julian R Seward. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
- 3. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
- 4. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS

#### INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Julian Seward, Cambridge, UK. jseward@bzip.org bzip2/libbzip2 version 1.0.4 of 20 December 2006 --- A note on GPL versions

BusyBox is distributed under version 2 of the General Public License (included in its entirety, below). Version 2 is the only version of this license which this version of BusyBox (or modified versions derived from this one) may be distributed under.

GNU GENERAL PUBLIC LICENSE Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc. 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it. For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

#### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you

conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program. In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readablesource code, which must be distributed under the terms of Sections1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice. This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES,

INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.> Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details. The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program 'Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989 Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

## **1.121 libpng 1.6.37** 1.121.1 Available under license :

Copyright (c) 1998-2008 Greg Roelofs. All rights reserved.

This software is provided "as is," without warranty of any kind, express or implied. In no event shall the author or contributors be held liable for any damages arising in any way from the use of this software.

The contents of this file are DUAL-LICENSED. You may modify and/or redistribute this software according to the terms of one of the following two licenses (at your option):

LICENSE 1 ("BSD-like with advertising clause"):

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

- 1. Redistributions of source code must retain the above copyright notice, disclaimer, and this list of conditions.
- 2. Redistributions in binary form must reproduce the above copyright

notice, disclaimer, and this list of conditions in the documentation and/or other materials provided with the distribution.

3. All advertising materials mentioning features or use of this software must display the following acknowledgment:

This product includes software developed by Greg Roelofs and contributors for the book, "PNG: The Definitive Guide," published by O'Reilly and Associates.

LICENSE 2 (GNU GPL v2 or later):

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

\_\_\_\_\_

pnm2png / png2pnm --- conversion from PBM/PGM/PPM-file to PNG-file

copyright (C) 1999-2019 by Willem van Schaik <willem at schaik dot com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

The software is provided "as is", without warranty of any kind, express or implied, including but not limited to the warranties of merchantability, fitness for a particular purpose and noninfringement. In no event shall the authors or copyight holders be liable for any claim, damages or other liability, whether in an action of contract, tort or otherwise, arising from, out of or in connection with the software or the use or other dealings in the

#### software.

/\* intel\_init.c - SSE2 optimized filter functions
\*
\* Copyright (c) 2018 Cosmin Truta
\* Copyright (c) 2016-2017 Glenn Randers-Pehrson
\* Written by Mike Klein and Matt Sarett, Google, Inc.
\* Derived from arm/arm\_init.c
\*
\* This code is released under the libpng license.
\* For conditions of distribution and use, see the disclaimer
\* and license in png.h
\*/
COPYRIGHT NOTICE, DISCLAIMER, and LICENSE

PNG Reference Library License version 2

-----

\* Copyright (c) 1995-2019 The PNG Reference Library Authors.

\_\_\_\_\_

- \* Copyright (c) 2018-2019 Cosmin Truta.
- \* Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson.
- \* Copyright (c) 1996-1997 Andreas Dilger.
- \* Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

The software is supplied "as is", without warranty of any kind, express or implied, including, without limitation, the warranties of merchantability, fitness for a particular purpose, title, and non-infringement. In no event shall the Copyright owners, or anyone distributing the software, be liable for any damages or other liability, whether in contract, tort or otherwise, arising from, out of, or in connection with the software, or the use or other dealings in the software, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this software, or portions hereof, for any purpose, without fee, subject to the following restrictions:

- 1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated, but is not required.
- 2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
- 3. This Copyright notice may not be removed or altered from any

source or altered source distribution.

PNG Reference Library License version 1 (for libpng 0.5 through 1.6.35)

\_\_\_\_\_

libpng versions 1.0.7, July 1, 2000, through 1.6.35, July 15, 2018 are Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson, are derived from libpng-1.0.6, and are distributed according to the same disclaimer and license as libpng-1.0.6 with the following individuals added to the list of Contributing Authors:

Simon-Pierre Cadieux Eric S. Raymond Mans Rullgard Cosmin Truta Gilles Vollant James Yu Mandar Sahastrabuddhe Google Inc. Vadim Barkov

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes or needs. This library is provided with all faults, and the entire risk of satisfactory quality, performance, accuracy, and effort is with the user.

Some files in the "contrib" directory and some configure-generated files that are distributed with libpng have other copyright owners, and are released under other open source licenses.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are Copyright (c) 1998-2000 Glenn Randers-Pehrson, are derived from libpng-0.96, and are distributed according to the same disclaimer and license as libpng-0.96, with the following individuals added to the list of Contributing Authors:

Tom Lane Glenn Randers-Pehrson Willem van Schaik

libpng versions 0.89, June 1996, through 0.96, May 1997, are Copyright (c) 1996-1997 Andreas Dilger, are derived from libpng-0.88, and are distributed according to the same disclaimer and license as libpng-0.88, with the following individuals added to the list of Contributing Authors:

John Bowler Kevin Bracey Sam Bushell Magnus Holmgren Greg Roelofs Tom Tanner

Some files in the "scripts" directory have other copyright owners, but are released under this license.

libpng versions 0.5, May 1995, through 0.88, January 1996, are Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors" is defined as the following set of individuals:

Andreas Dilger Dave Martindale Guy Eric Schalnat Paul Schmidt Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing Authors and Group 42, Inc. disclaim all warranties, expressed or implied, including, without limitation, the warranties of merchantability and of fitness for any purpose. The Contributing Authors and Group 42, Inc. assume no liability for direct, indirect, incidental, special, exemplary, or consequential damages, which may result from the use of the PNG Reference Library, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this source code, or portions hereof, for any purpose, without fee, subject to the following restrictions:

- 1. The origin of this source code must not be misrepresented.
- 2. Altered versions must be plainly marked as such and must not be misrepresented as being the original source.
- 3. This Copyright notice may not be removed or altered from any source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit, without fee, and encourage the use of this source code as a component

to supporting the PNG file format in commercial products. If you use this source code in a product, acknowledgment is not required but would be appreciated.

> GNU GENERAL PUBLIC LICENSE Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc. 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

#### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions: a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readablesource code, which must be distributed under the terms of Sections1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the

Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions

of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.> Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

# 1.122 netty-handler 4.1.52.Final

## 1.122.1 Available under license :

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2016 The Netty Project

\*

- \* The Netty Project licenses this file to you under the Apache License, version
- \* 2.0 (the "License"); you may not use this file except in compliance with the
- \* License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
- \* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
- \* License for the specific language governing permissions and limitations under
- \* the License.
- \*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/flow/FlowControlHandler.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2014 The Netty Project

\*

- \* The Netty Project licenses this file to you under the Apache License,
- \* version 2.0 (the "License"); you may not use this file except in compliance
- \* with the License. You may obtain a copy of the License at:
- \*
- \* http://www.apache.org/licenses/LICENSE-2.0

\*

- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
- \* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
- \* License for the specific language governing permissions and limitations

\* under the License.

\*/

// Try the OpenJDK's proprietary implementation.

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/util/SelfSignedCertificate.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2017 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

 $* / opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/SslCompletionEvent.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/JdkAlpnSslEngine.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OptionalSslHandler.java

 $* / opt/ws_local/PERMITS_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/SslCloseCompletionEvent.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/JdkAlpnSslUtils.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/ocsp/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/Conscrypt.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/AbstractSniHandler.java

 $* / opt/ws_local/PERMITS_SQL/1093815938_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/SslClientHelloHandler.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/SniCompletionEvent.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2012 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/logging/LogLevel.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/SslHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/stream/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/timeout/TimeoutException.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/stream/ChunkedNioStream.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/stream/ChunkedInput.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/logging/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/timeout/IdleState.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/logging/LoggingHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/stream/ChunkedWriteHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/timeout/WriteTimeoutException.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/stream/ChunkedStream.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/stream/ChunkedFile.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-

jar/io/netty/handler/timeout/WriteTimeoutHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/timeout/IdleStateEvent.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/NotSslRecordException.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/util/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/timeout/ReadTimeoutException.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/timeout/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/timeout/ReadTimeoutHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/timeout/IdleStateHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/stream/ChunkedNioFile.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2015 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/SslContextBuilder.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNames.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslJavaxX509Certificate.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/ClientAuth.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/OpenSslSessionTicketKey.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java No license file was found, but licenses were detected in source scan.

# The Netty Project licenses this file to you under the Apache License,# version 2.0 (the "License"); you may not use this file except in compliance

# with the License. You may obtain a copy of the License at:

# http://www.apache.org/licenses/LICENSE-2.0

# distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/META-INF/native-image/io.netty/handler/native-image.properties No license file was found, but licenses were detected in source scan.

#### /\*

- \* Copyright 2016 The Netty Project
- \*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

- \* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
- \* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
- \* License for the specific language governing permissions and limitations
- \* under the License.
- \*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java

 $* / opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/DelegatingSslContext.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/flush/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/flow/package-info.java

 $* / opt/ws_local/PERMITS_SQL/1093815938_1601014541.84 / 0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java$ 

 $* / opt/ws_local/PERMITS_SQL/1093815938_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/PemValue.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/flush/FlushConsolidationHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/PemEncoded.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/PemX509Certificate.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/Java8SslUtils.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/OpenSslCertificateException.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/PemPrivateKey.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2013 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/SslHandshakeCompletionEvent.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2019 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/SslMasterKeyHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/KeyManagerFactoryWrapper.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/util/X509KeyManagerWrapper.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/PseudoRandomFunction.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/address/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/OpenSslPrivateKeyMethod.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/address/DynamicAddressConnectHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/util/SimpleKeyManagerFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/TrustManagerFactoryWrapper.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2020 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

 $* / opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84 / 0 / netty-handler-4-1-52 - final-sources-1000 - final-so$ 

jar/io/netty/handler/logging/ByteBufFormat.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/address/ResolveAddressHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRuleComparator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilter.java

jar/io/netty/handler/ssl/SslHandshakeTimeoutException.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2014 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ipfilter/UniqueIpFilter.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslEngine.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ipfilter/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/PemReader.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/JettyAlpnSslEngine.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/util/ThreadLocalInsecureRandom.java

 $* / opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslSessionContext.java$ 

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/SslContext.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/JdkDefaultApplicationProtocolNegotiator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslEngineMap.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslDefaultApplicationProtocolNegotiator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ipfilter/IpFilterRuleType.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/SslUtils.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/CipherSuiteFilter.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/OpenSslX509Certificate.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSsl.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/ApplicationProtocolConfig.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslNpnApplicationProtocolNegotiator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslServerContext.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/SniHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/JdkBaseApplicationProtocolNegotiator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ipfilter/IpFilterRule.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/JdkAlpnApplicationProtocolNegotiator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/JdkSslServerContext.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/JettyNpnSslEngine.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/CipherSuiteConverter.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/JdkSslEngine.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/Java7SslParametersUtils.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslSessionStats.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/util/BouncyCastleSelfSignedCertGenerator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/ApplicationProtocolUtil.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/SslProvider.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/OpenSslServerSessionContext.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/JdkSslContext.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ipfilter/AbstractRemoteAddressFilter.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslClientContext.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/util/InsecureTrustManagerFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslContext.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/JdkSslClientContext.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2014 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

#### Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/traffic/GlobalChannelTrafficShapingHandler.java No license file was found, but licenses were detected in source scan.

~ Copyright 2012 The Netty Project

~

~ The Netty Project licenses this file to you under the Apache License,

~ version 2.0 (the "License"); you may not use this file except in compliance

~ with the License. You may obtain a copy of the License at:

~

~ http://www.apache.org/licenses/LICENSE

2.0

~ Unless required by applicable law or agreed to in writing, software

~ distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

~ WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

~ License for the specific language governing permissions and limitations

~ under the License.

Found in path(s):

INF/maven/io.netty/netty-handler/pom.xml

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2018 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslCachingX509KeyManagerFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslSession.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslPrivateKey.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/OpenSslTlsv13X509ExtendedTrustManager.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/DefaultOpenSslKeyMaterial.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/ExtendedOpenSslSession.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterial.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sourcesjar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java

No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2012 The Netty Project

\*

\* The Netty Project licenses this file to you under the Apache License,

\* version 2.0 (the "License"); you may not use this file except in compliance

\* with the License. You may obtain a copy of the License at:

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT

\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the

\* License for the specific language governing permissions and limitations

\* under the License.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/traffic/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-

jar/io/netty/handler/traffic/TrafficCounter.java

No license file was found, but licenses were detected in source scan.

/\*
\* Copyright 2011 The Netty Project
\*
\* The Netty Project licenses this file to you under the Apache License,
\* version 2.0 (the "License"); you may not use this file except in compliance
\* with the License. You may obtain a copy of the License at:
\*
\* http://www.apache.org/licenses/LICENSE-2.0
\*
\* Unless required by applicable law or agreed to in writing, software
\* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
\* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
\* License for the specific language governing permissions and limitations
\* under the License.
\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1093815938\_1601014541.84/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/traffic/AbstractTrafficShapingHandler.java

# 1.123 zlib 1.2.11 r3

## 1.123.1 Available under license :

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE,

# 1.124 cpp 9.3.0-r4

# 1.124.1 Available under license :

GNU GENERAL PUBLIC LICENSE Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

### GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee. 2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and

all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.> Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989 Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

This program, "bzip2", the associated library "libbzip2", and all documentation, are copyright (C) 1996-2010 Julian R Seward. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
- 3. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
- 4. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Julian Seward, jseward@bzip.org bzip2/libbzip2 version 1.0.6 of 6 September 2010

\_\_\_\_\_

libffi - Copyright (c) 1996-2014 Anthony Green, Red Hat, Inc and others. See source files for details.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the ``Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED ``AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

> GNU LESSER GENERAL PUBLIC LICENSE Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc. 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

## GNU LESSER GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do

this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance. 9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License. 12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.> Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990 Ty Coon, President of Vice

That's all there is to it! Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

The LLVM Project is under the Apache License v2.0 with LLVM Exceptions:

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all

other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed

as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

---- LLVM Exceptions to the Apache 2.0 License ----

As an exception, if, as a result of your compiling your source code, portions of this Software are embedded into an Object form of such source code, you may redistribute such embedded portions in such Object form without complying with the conditions of Sections 4(a), 4(b) and 4(d) of the License.

In addition, if you combine or link compiled forms of this Software with software that is licensed under the GPLv2 ("Combined Software") and if a court of competent jurisdiction determines that the patent provision (Section 3), the indemnity provision (Section 9) or other Section of the License conflicts with the conditions of the GPLv2, you may retroactively and prospectively choose to deem waived or otherwise exclude such Section(s) of the License, but only in their entirety and only with respect to the Combined Software.

Software from third parties included in the LLVM Project:

The LLVM Project contains third party software which is under different license terms. All such code will be identified clearly using at least one of two mechanisms:

 It will be in a separate directory tree with its own `LICENSE.txt` or `LICENSE` file at the top containing the specific license and restrictions which apply to that software, or

2) It will contain specific license and restriction terms at the top of every file.

Legacy LLVM License (https://llvm.org/docs/DeveloperPolicy.html#legacy):

The software contained in this directory tree is dual licensed under both the

University of Illinois "BSD-Like" license and the MIT license. As a user of this code you may choose to use it under either license. As a contributor, you agree to allow your code to be used under both.

Full text of the relevant licenses is included below.

University of Illinois/NCSA Open Source License

Copyright (c) 2017-2019 by the contributors listed in CREDITS.TXT

All rights reserved.

Developed by: Threading Runtimes Team Intel Corporation http://www.intel.com Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal with the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimers.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimers in the documentation and/or other materials provided with the distribution.
- \* Neither the names of Intel Corporation Threading Runtimes Team nor the names of its contributors may be used to endorse or promote products derived from this Software without specific prior written permission.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE CONTRIBUTORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS WITH THE SOFTWARE.

Copyright (c) 2017-2019 by the contributors listed in CREDITS.TXT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE. Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

### GNU LESSER GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so

that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution. d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not

signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in

certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

## NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A

# FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

#### How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.> Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990 Ty Coon, President of Vice Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE. GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

Copyright (C) 2009 Free Software Foundation, Inc. < http://fsf.org/>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

This GCC Runtime Library Exception ("Exception") is an additional permission under section 7 of the GNU General Public License, version 3 ("GPLv3"). It applies to a given file (the "Runtime Library") that bears a notice placed by the copyright holder of the file stating that the file is governed by GPLv3 along with this Exception.

When you use GCC to compile a program, GCC may combine portions of certain GCC header files and runtime libraries with the compiled program. The purpose of this Exception is to allow compilation of non-GPL (including proprietary) programs to use, in this way, the header files and runtime libraries covered by this Exception.

# 0. Definitions.

A file is an "Independent Module" if it either requires the Runtime Library for execution after a Compilation Process, or makes use of an interface provided by the Runtime Library, but is not otherwise based on the Runtime Library.

"GCC" means a version of the GNU Compiler Collection, with or without modifications, governed by version 3 (or a specified later version) of the GNU General Public License (GPL) with the option of using any subsequent versions published by the FSF.

"GPL-compatible Software" is software whose conditions of propagation, modification and use would permit combination with GCC in accord with the license of GCC.

"Target Code" refers to output from any compiler for a real or virtual target processor architecture, in executable form or suitable for input to an assembler, loader, linker and/or execution phase. Notwithstanding that, Target Code does not include data in any format that is used as a compiler intermediate representation, or used for producing a compiler intermediate representation.

The "Compilation Process" transforms code entirely represented in non-intermediate languages designed for human-written code, and/or in Java Virtual Machine byte code, into Target Code. Thus, for example, use of source code generators and preprocessors need not be considered part of the Compilation Process, since the Compilation Process can be understood as starting with the output of the generators or preprocessors.

A Compilation Process is "Eligible" if it is done using GCC, alone or with other GPL-compatible software, or if it is done without using any work based on GCC. For example, using non-GPL-compatible Software to optimize any GCC intermediate representations would not qualify as an Eligible Compilation Process.

1. Grant of Additional Permission.

You have permission to propagate a work of Target Code formed by combining the Runtime Library with Independent Modules, even if such propagation would otherwise violate the terms of GPLv3, provided that all Target Code was generated by Eligible Compilation Processes. You may then convey such a combination under terms of your choice, consistent with the licensing of the Independent Modules.

2. No Weakening of GCC Copyleft.

The availability of this Exception does not imply any general presumption that third-party software is unaffected by the copyleft requirements of the license of GCC. GNU LESSER GENERAL PUBLIC LICENSE

Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <a href="http://fsf.org/>Everyone">http://fsf.org/>Everyone</a> is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

This version of the GNU Lesser General Public License incorporates the terms and conditions of version 3 of the GNU General Public License, supplemented by the additional permissions listed below.

0. Additional Definitions.

As used herein, "this License" refers to version 3 of the GNU Lesser General Public License, and the "GNU GPL" refers to version 3 of the GNU General Public License.

"The Library" refers to a covered work governed by this License, other than an Application or a Combined Work as defined below.

An "Application" is any work that makes use of an interface provided by the Library, but which is not otherwise based on the Library. Defining a subclass of a class defined by the Library is deemed a mode of using an interface provided by the Library.

A "Combined Work" is a work produced by combining or linking an Application with the Library. The particular version of the Library with which the Combined Work was made is also called the "Linked Version".

The "Minimal Corresponding Source" for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are based on the Application, and not on the Linked Version.

The "Corresponding Application Code" for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.

1. Exception to Section 3 of the GNU GPL.

You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL.

#### 2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or

b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.

3. Object Code Incorporating Material from Library Header Files.

The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.

b) Accompany the object code with a copy of the GNU GPL and this license document.

4. Combined Works.

You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such modifications, if you also do each of the following:

a) Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License.

b) Accompany the Combined Work with a copy of the GNU GPL and this license document.

c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.

d) Do one of the following:

0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.

1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.

e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

5. Combined Libraries.

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 that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.

b) Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

6. Revised Versions of the GNU Lesser General Public License.

The Free Software Foundation may publish revised and/or new versions of the GNU Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation.

If the Library as you received it specifies that a proxy can decide whether future versions of the GNU Lesser General Public License shall apply, that proxy's public statement of acceptance of any version is permanent authorization for you to choose that version for the Library.

> GNU GENERAL PUBLIC LICENSE Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <a href="http://fsf.org/>Everyone">http://fsf.org/>Everyone</a> is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

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.

## TERMS AND CONDITIONS

#### 0. 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.

1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

# 2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; 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.

5. 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:

a) The work must carry prominent notices stating that you modified it, and giving a relevant date.

b) The work must carry prominent notices stating that it is released under this License and any conditions added under section7. This requirement modifies the requirement in section 4 to "keep intact all notices".

c) 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.

d) 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.

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.

6. 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:

a) 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.

b) 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.

c) 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.

d) 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, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

e) 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.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

# 7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission. Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or

b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or

c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or

d) Limiting the use for publicity purposes of names of licensors or authors of the material; or

e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or

f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

## 9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

## 10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

#### 11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

# END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.> Copyright (C) <year> <name of author>

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <a href="http://www.gnu.org/licenses/">http://www.gnu.org/licenses/</a>>.

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

<program> Copyright (C) <year> <name of author> This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer" for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <a href="http://www.gnu.org/licenses/">http://www.gnu.org/licenses/</a>>.

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read <http://www.gnu.org/philosophy/why-not-lgpl.html>.

# compiler\_rt License

The compiler\_rt library is dual licensed under both the University of Illinois "BSD-Like" license and the MIT license. As a user of this code you may choose to use it under either license. As a contributor, you agree to allow your code to be used under both.

Full text of the relevant licenses is included below.

University of Illinois/NCSA Open Source License

Copyright (c) 2009-2012 by the contributors listed in CREDITS.TXT

All rights reserved.

Developed by:

# LLVM Team

#### University of Illinois at Urbana-Champaign

# http://llvm.org

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal with the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimers.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimers in the documentation and/or other materials provided with the distribution.
- \* Neither the names of the LLVM Team, University of Illinois at Urbana-Champaign, nor the names of its contributors may be used to endorse or promote products derived from this Software without specific prior written permission.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE CONTRIBUTORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS WITH THE SOFTWARE.

Copyright (c) 2009-2012 by the contributors listed in CREDITS.TXT

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyrights and Licenses for Third Party Software Distributed with LLVM:

The LLVM software contains code written by third parties. Such software will have its own individual LICENSE.TXT file in the directory in which it appears. This file will describe the copyrights, license, and restrictions which apply to that code.

The disclaimer of warranty in the University of Illinois Open Source License applies to all code in the LLVM Distribution, and nothing in any of the other licenses gives permission to use the names of the LLVM Team or the University of Illinois to endorse or promote products derived from this Software.

The following pieces of software have additional or alternate copyrights, licenses, and/or restrictions:

Program Directory

mach\_override lib/interception/mach\_override Copyright (c) 2019 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE

Unicode Data Files include all data files under the directories http://www.unicode.org/Public/, http://www.unicode.org/reports/, and http://www.unicode.org/cldr/data/. Unicode Data Files do not include PDF online code charts under the directory http://www.unicode.org/Public/. Software includes any source code published in the Unicode Standard or under the directories http://www.unicode.org/Public/, http://www.unicode.org/reports/, and http://www.unicode.org/cldr/data/.

NOTICE TO USER: Carefully read the following legal agreement. BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"), YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR SOFTWARE.

COPYRIGHT AND PERMISSION NOTICE

Copyright 1991-2013 Unicode, Inc. All rights reserved. Distributed under the Terms of Use in http://www.unicode.org/copyright.html.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation (the "Data Files") or Unicode software and any associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that (a) the above copyright notice(s) and this permission notice appear with all copies of the Data Files or Software, (b) both the above copyright notice(s) and this permission notice appear in associated documentation, and (c) there is clear notice in each modified Data File or in the Software as well as in the documentation associated with the Data File(s) or Software that the data or software has been modified.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

# 1.125 free-type 2.10.1

# 1.125.1 Available under license :

The FreeType Project LICENSE

-----

2006-Jan-27

Copyright 1996-2002, 2006 by David Turner, Robert Wilhelm, and Werner Lemberg

#### Introduction

\_\_\_\_\_

The FreeType Project is distributed in several archive packages; some of them may contain, in addition to the FreeType font engine, various tools and contributions which rely on, or relate to, the FreeType Project.

This license applies to all files found in such packages, and which do not fall under their own explicit license. The license affects thus the FreeType font engine, the test programs, documentation and makefiles, at the very least.

This license was inspired by the BSD, Artistic, and IJG (Independent JPEG Group) licenses, which all encourage inclusion and use of free software in commercial and freeware products alike. As a consequence, its main points are that:

o We don't promise that this software works. However, we will be interested in any kind of bug reports. (`as is' distribution)

o You can use this software for whatever you want, in parts or full form, without having to pay us. (`royalty-free' usage)

o You may not pretend that you wrote this software. If you use it, or only parts of it, in a program, you must acknowledge somewhere in your documentation that you have used the FreeType code. (`credits')

We specifically permit and encourage the inclusion of this software, with or without modifications, in commercial products. We disclaim all warranties covering The FreeType Project and assume no liability related to The FreeType Project.

Finally, many people asked us for a preferred form for a credit/disclaimer to use in compliance with this license. We thus encourage you to use the following text:

.....

Portions of this software are copyright <year> The FreeType Project (www.freetype.org). All rights reserved.

Please replace <year> with the value from the FreeType version you actually use.

# Legal Terms

\_\_\_\_\_

#### 0. Definitions

\_\_\_\_\_

Throughout this license, the terms `package', `FreeType Project', and `FreeType archive' refer to the set of files originally distributed by the authors (David Turner, Robert Wilhelm, and Werner Lemberg) as the `FreeType Project', be they named as alpha, beta or final release.

`You' refers to the licensee, or person using the project, where `using' is a generic term including compiling the project's source code as well as linking it to form a `program' or `executable'. This program is referred to as `a program using the FreeType engine'.

This license applies to all files distributed in the original FreeType Project, including all source code, binaries and documentation, unless otherwise stated in the file in its original, unmodified form as distributed in the original archive. If you are unsure whether or not a particular file is covered by this license, you must contact us to verify this.

The FreeType Project is copyright (C) 1996-2000 by David Turner, Robert Wilhelm, and Werner Lemberg. All rights reserved except as specified below.

1. No Warranty

-----

THE FREETYPE PROJECT IS PROVIDED `AS IS' WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL ANY OF THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY DAMAGES CAUSED BY THE USE OR THE INABILITY TO USE, OF THE FREETYPE PROJECT.

## 2. Redistribution

\_\_\_\_\_

This license grants a worldwide, royalty-free, perpetual and irrevocable right and license to use, execute, perform, compile, display, copy, create derivative works of, distribute and sublicense the FreeType Project (in both source and object code forms) and derivative works thereof for any purpose; and to authorize others to exercise some or all of the rights granted herein, subject to the following conditions:

- o Redistribution of source code must retain this license file ('FTL.TXT') unaltered; any additions, deletions or changes to the original files must be clearly indicated in accompanying documentation. The copyright notices of the unaltered, original files must be preserved in all copies of source files.
- o Redistribution in binary form must provide a disclaimer that states that the software is based in part of the work of the FreeType Team, in the distribution documentation. We also encourage you to put an URL to the FreeType web page in your documentation, though this isn't mandatory.

These conditions apply to any software derived from or based on the FreeType Project, not just the unmodified files. If you use our work, you must acknowledge us. However, no fee need be paid to us.

3. Advertising

\_\_\_\_\_

Neither the FreeType authors and contributors nor you shall use the name of the other for commercial, advertising, or promotional purposes without specific prior written permission.

We suggest, but do not require, that you use one or more of the following phrases to refer to this software in your documentation or advertising materials: 'FreeType Project', 'FreeType Engine', 'FreeType library', or 'FreeType Distribution'.

As you have not signed this license, you are not required to accept it. However, as the FreeType Project is copyrighted material, only this license, or another one contracted with the authors, grants you the right to use, distribute, and modify it. Therefore, by using, distributing, or modifying the FreeType Project, you indicate that you understand and accept all the terms of this license.

4. Contacts

\_\_\_\_\_

There are two mailing lists related to FreeType:

o freetype@nongnu.org

Discusses general use and applications of FreeType, as well as future and wanted additions to the library and distribution. If you are looking for support, start in this list if you haven't found anything to help you in the documentation.

o freetype-devel@nongnu.org

Discusses bugs, as well as engine internals, design issues, specific licenses, porting, etc.

Our home page can be found at

https://www.freetype.org

```
--- end of FTL.TXT ---
# Files that don't get a copyright, or which are taken from elsewhere.
#
# All lines in this file are patterns, including the comment lines; this
# means that e.g. `FTL.TXT' matches all files that have this string in
# the file name (including the path relative to the current directory,
# always starting with `./').
#
# Don't put empty lines into this file!
#
.gitignore
#
builds/unix/pkg.m4
#
docs/FTL.TXT
docs/GPLv2.TXT
#
include/freetype/internal/fthash.h
#
src/base/fthash.c
src/base/md5.c
src/base/md5.h
#
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdflib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
```

src/pcf/pcfdrivr.c src/pcf/pcfdrivr.h src/pcf/pcferror.h src/pcf/pcfread.c src/pcf/pcfread.h src/pcf/pcfutil.c src/pcf/pcfutil.h src/pcf/README src/pcf/rules.mk # src/gzip/adler32.c src/gzip/infblock.c src/gzip/infblock.h src/gzip/infcodes.c src/gzip/infcodes.h src/gzip/inffixed.h src/gzip/inflate.c src/gzip/inftrees.c src/gzip/inftrees.h src/gzip/infutil.c src/gzip/infutil.h src/gzip/zconf.h src/gzip/zlib.h src/gzip/zutil.c src/gzip/zutil.h # src/tools/apinames.c src/tools/ftrandom/ftrandom.c # # EOF

The FreeType 2 font engine is copyrighted work and cannot be used legally without a software license. In order to make this project usable to a vast majority of developers, we distribute it under two mutually exclusive open-source licenses.

This means that \*you\* must choose \*one\* of the two licenses described below, then obey all its terms and conditions when using FreeType 2 in any of your projects or products.

- The FreeType License, found in the file `FTL.TXT', which is similar to the original BSD license \*with\* an advertising clause that forces you to explicitly cite the FreeType project in your product's documentation. All details are in the license file. This license is suited to products which don't use the GNU General Public License.

Note that this license is compatible to the GNU General Public

License version 3, but not version 2.

- The GNU General Public License version 2, found in `GPLv2.TXT' (any later version can be used also), for programs which already use the GPL. Note that the FTL is incompatible with GPLv2 due to its advertisement clause.

The contributed BDF and PCF drivers come with a license similar to that of the X Window System. It is compatible to the above two licenses (see file src/bdf/README and src/pcf/README). The same holds for the files `fthash.c' and `fthash.h'; their code was part of the BDF driver in earlier FreeType versions.

The gzip module uses the zlib license (see src/gzip/zlib.h) which too is compatible to the above two licenses.

The MD5 checksum support (only used for debugging in development builds) is in the public domain.

--- end of LICENSE.TXT ---GNU GENERAL PUBLIC LICENSE Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things. To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

# GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it. Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readablesource code, which must be distributed under the terms of Sections1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code. 4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.> Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode: Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program 'Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989 Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

## 1.126 jcommander 1.72

## 1.126.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
/**
```

```
* Copyright (C) 2011 the original author or authors.
```

 $\ast$  See the notice.md file distributed with this work for additional

```
* information regarding copyright ownership.
```

\*

```
* Licensed under the Apache License, Version 2.0 (the "License");
```

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS,
- \* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
- \* See the License for the specific language governing permissions and
- \* limitations under the License.

#### Found in path(s):

\* /opt/cola/permits/1135935291\_1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/validators/NoValueValidator.java \* /opt/cola/permits/1135935291\_1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/validators/NoValidator.java \* /opt/cola/permits/1135935291 1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/validators/PositiveInteger.java \* /opt/cola/permits/1135935291 1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/IParameterValidator2.java \* /opt/cola/permits/1135935291\_1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/IParameterValidator.java No license file was found, but licenses were detected in source scan. /\*\*

\* Copyright (C) 2010 the original author or authors.

\* See the notice.md file distributed with this work for additional

\* information regarding copyright ownership.

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\* http://www.apache.org/licenses/LICENSE-2.0

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1135935291\_1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/JCommander.java

No license file was found, but licenses were detected in source scan.

/\*\*

\* Copyright (C) 2010 the original author or authors.

\* See the notice.md file distributed with this work for additional

\* information regarding copyright ownership.

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0 \*

\*/

\*

- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS,
- \* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
- \* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

### Found in path(s):

\* /opt/cola/permits/1135935291 1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/Parameters.java \* /opt/cola/permits/1135935291\_1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/converters/FloatConverter.java \* /opt/cola/permits/1135935291\_1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/converters/DoubleConverter.java \* /opt/cola/permits/1135935291 1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/ResourceBundle.java \* /opt/cola/permits/1135935291 1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/converters/CharArrayConverter.java \* /opt/cola/permits/1135935291\_1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/converters/ISO8601DateConverter.java \* /opt/cola/permits/1135935291\_1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/converters/BaseConverter.java \* /opt/cola/permits/1135935291 1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/converters/FileConverter.java \* /opt/cola/permits/1135935291 1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/converters/BooleanConverter.java \* /opt/cola/permits/1135935291\_1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/ParameterDescription.java \* /opt/cola/permits/1135935291 1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/converters/IntegerConverter.java \* /opt/cola/permits/1135935291 1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/MissingCommandException.java \* /opt/cola/permits/1135935291 1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/converters/InetAddressConverter.java \* /opt/cola/permits/1135935291\_1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/internal/Maps.java \* /opt/cola/permits/1135935291\_1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/converters/NoConverter.java \* /opt/cola/permits/1135935291\_1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/ParameterException.java \* /opt/cola/permits/1135935291\_1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/converters/BigDecimalConverter.java \* /opt/cola/permits/1135935291\_1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/internal/Sets.java \* /opt/cola/permits/1135935291\_1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/IStringConverter.java \* /opt/cola/permits/1135935291\_1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/internal/Lists.java \* /opt/cola/permits/1135935291 1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/defaultprovider/PropertyFileDefaultProvider.java \* /opt/cola/permits/1135935291\_1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/converters/URLConverter.java \* /opt/cola/permits/1135935291\_1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/converters/PathConverter.java \* /opt/cola/permits/1135935291 1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/converters/LongConverter.java \* /opt/cola/permits/1135935291 1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/converters/StringConverter.java \* /opt/cola/permits/1135935291\_1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/Parameter.java \* /opt/cola/permits/1135935291\_1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/IDefaultProvider.java \* /opt/cola/permits/1135935291 1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/ParametersDelegate.java \* /opt/cola/permits/1135935291 1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/IStringConverterFactory.java \* /opt/cola/permits/1135935291\_1613638685.79/0/jcommander-1-72-sources-2jar/com/beust/jcommander/internal/DefaultConverterFactory.java

\* /opt/cola/permits/1135935291\_1613638685.79/0/jcommander-1-72-sources-2-jar/com/beust/jcommander/converters/URIConverter.java

## 1.127 spring-beans 3.2.17.RELEASE

## 1.127.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
/*
```

\* Copyright 2002-2006 the original author or authors.

\*

- \* Licensed under the Apache License, Version 2.0 (the "License");
- $\ast$  you may not use this file except in compliance with the License.
- \* You may obtain a copy of the License at

\*

```
* http://www.apache.org/licenses/LICENSE-2.0
```

\*

- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS,
- \* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
- \* See the License for the specific language governing permissions and
- \* limitations under the License.

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1135863686_1613617928.48/0/spring-beans-3-2-17-release-sources-2-
```

jar/org/springframework/beans/factory/parsing/AbstractComponentDefinition.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/parsing/BeanEntry.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/ByteArrayPropertyEditor.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/CharArrayPropertyEditor.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/CharArrayPropertyEditor.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/NamedBean.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2008 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/serviceloader/ServiceListFactoryBean.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/PropertyAccessorFactory.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/MergedBeanDefinitionPostProcessor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/BeanExpressionResolver.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/access/el/SimpleSpringBeanELResolver.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/annotation/CustomAutowireConfigurer.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/MapFactoryBean.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/parsing/CompositeComponentDefinition.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/SetFactoryBean.java No license file was found, but licenses were detected in source scan.

```
/*
```

```
* Copyright 2002-2014 the original author or authors.
```

\*

```
* Licensed under the Apache License, Version 2.0 (the "License");
```

\* you may not use this file except in compliance with the License.

- \* You may obtain a copy of the License at
- \*
- \* http://www.apache.org/licenses/LICENSE-2.0
- \*
- \* Unless required by applicable law or agreed to in writing, software
- \* distributed under the License is distributed on an "AS IS" BASIS,
- \* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
- \* See the License for the specific language governing permissions and
- \* limitations under the License.
- \*/

## Found in path(s):

\*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/ReplaceOverride.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/annotation/InjectionMetadata.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/LookupOverride.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/BeanDefinitionParserDelegate.java \* /opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/SimpleConstructorNamespaceHandler.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/BeanUtils.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/PropertyMatches.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/BeanWrapper.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/BeanDefinitionValueResolver.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/DisposableBeanAdapter.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/ExtendedBeanInfo.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/MutablePropertyValues.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/StaticListableBeanFactory.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/AbstractBeanDefinition.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/ResourceBundleEditor.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2-

jar/org/springframework/beans/factory/support/MethodOverride.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/TypeConverterDelegate.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/access/el/SpringBeanELResolver.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/GenericBeanDefinition.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/NoSuchBeanDefinitionException.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/CglibSubclassingInstantiationStrategy.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/annotation/QualifierAnnotationAutowireCandidateResolver.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/CachedIntrospectionResults.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/BeanWrapperImpl.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/BeanDefinitionDocumentReader.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/AbstractAutowireCapableBeanFactory.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/ConstructorResolver.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/annotation/AutowiredAnnotationBeanPostProcessor.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/DefaultListableBeanFactory.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/BeanFactory.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/DefaultBeanDefinitionDocumentReader.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/AbstractBeanFactory.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/FactoryBeanRegistrySupport.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2015 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

#### Found in path(s):

\* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/CustomBooleanEditor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/GenericTypeAwarePropertyDescriptor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/annotation/BeanFactoryAnnotationUtils.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/BeanFactoryUtils.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/BeanFactoryUtils.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/PropertyPlaceholderConfigurer.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/PropertyPlaceholderConfigurer.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/DefaultSingletonBeanRegistry.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2007 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/parsing/ReaderEventListener.java

\* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/parsing/ReaderContext.java

\* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/PropertyValuesEditor.java

\* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/support/DefaultBeanNameGenerator.java

\* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2-

jar/org/spring framework/beans/factory/annotation/AnnotationBeanWiringInfoResolver.java

\* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2-

jar/org/springframework/beans/factory/support/BeanNameGenerator.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/parsing/DefaultsDefinition.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/wiring/ClassNameBeanWiringInfoResolver.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/serviceloader/ServiceFactoryBean.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/XmlReaderContext.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/serviceloader/ServiceLoaderFactoryBean.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/DefaultDocumentLoader.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/serviceloader/AbstractServiceLoaderBasedFactoryBean.java No license file was found, but licenses were detected in source scan.

### /\*

- \* Copyright 2002-2009 the original author or authors.
- \*
- \* Licensed under the Apache License, Version 2.0 (the "License");
- \* you may not use this file except in compliance with the License.
- \* You may obtain a copy of the License at
- \*
- \* http://www.apache.org/licenses/LICENSE-2.0
- \*

\* Unless required by applicable law or agreed to in writing, software

- \* distributed under the License is distributed on an "AS IS" BASIS,
- \* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
- \* See the License for the specific language governing permissions and
- \* limitations under the License.
- \*/

Found in path(s):

\*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/parsing/EmptyReaderEventListener.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/BeanExpressionContext.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/ConfigurablePropertyAccessor.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/NamespaceHandlerSupport.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/ParserContext.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/ParserContext.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/ParserContext.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/InstantiationAwareBeanPostProcessorAdapter.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/InstantiationAwareBeanPostProcessorAdapter.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/annotation/Autowire.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2011 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/BeanNameAware.java

\* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/annotation/Qualifier.java

\* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/Aware.java

\* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/xml/BeanDefinitionParser.java

\* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/BeanDefinitionVisitor.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2010 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/SimpleAutowireCandidateResolver.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/PropertyResourceConfigurer.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/PropertiesFactoryBean.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/PropertiesFactoryBean.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/BeanDefinitionRegistryPostProcessor.java No license file was found, but licenses were detected in source scan.

/\*

\* Copyright 2002-2012 the original author or authors.

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\* \*

http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/wiring/BeanWiringInfoResolver.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/LocaleEditor.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/InputStreamEditor.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/HierarchicalBeanFactory.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/ManagedProperties.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/SecurityContextProvider.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/parsing/Location.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/PropertyAccessorUtils.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/ConversionNotSupportedException.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2-

jar/org/springframework/beans/factory/parsing/ConstructorArgumentEntry.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/parsing/SourceExtractor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/InvalidPropertyException.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/BeanPostProcessor.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/wiring/BeanWiringInfo.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/CustomCollectionEditor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/RuntimeBeanNameReference.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/parsing/BeanDefinitionParsingException.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/PropertyValue.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/BeanDefinitionReaderUtils.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/ConfigurableListableBeanFactory.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/PropertyPathFactoryBean.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/PropertyEditorRegistrySupport.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/InstantiationStrategy.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/access/BootstrapException.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/SingletonBeanRegistry.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/AutowireCapableBeanFactory.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/MethodInvocationException.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/AbstractSingleBeanDefinitionParser.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/RuntimeBeanReference.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/BeanInstantiationException.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/CannotLoadBeanClassException.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/BeansDtdResolver.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/AbstractSimpleBeanDefinitionParser.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2-

jar/org/springframework/beans/factory/config/SmartInstantiationAwareBeanPostProcessor.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/CharsetEditor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/AbstractBeanDefinitionParser.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/CustomEditorConfigurer.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/CustomDateEditor.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/ClassEditor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/PropertyAccessException.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/BeanDefinitionDefaults.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/access/BeanFactoryLocator.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/PropertyValues.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/Scope.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/parsing/Problem.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/ClassArrayEditor.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/DefaultNamespaceHandlerResolver.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/TypeConverterSupport.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/SimplePropertyNamespaceHandler.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/annotation/Required.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/NullValueInNestedPathException.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/StringTrimmerEditor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/support/MutableSortDefinition.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/parsing/ComponentDefinition.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/BeanDefinitionStoreException.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/CharacterEditor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/BeanDefinitionBuilder.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2-

jar/org/springframework/beans/factory/config/BeanReference.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/annotation/RequiredAnnotationBeanPostProcessor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/BeanFactoryAware.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/FactoryBeanNotInitializedException.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/BeanDefinitionHolder.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/BeanDefinitionValidationException.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/BeanIsAbstractException.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/FactoryBean.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/ObjectFactory.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/BeanClassLoaderAware.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/PreferencesPlaceholderConfigurer.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/ResourceEntityResolver.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/DirectFieldAccessor.java \* /opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/MethodOverrides.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/parsing/FailFastProblemReporter.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/parsing/AliasDefinition.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/DocumentDefaultsDefinition.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/BeanIsNotAFactoryException.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/InputSourceEditor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/DestructionAwareBeanPostProcessor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/AutowireCandidateResolver.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/DisposableBean.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/parsing/PassThroughSourceExtractor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/AutowireCandidateQualifier.java

\* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2-

jar/org/springframework/beans/factory/support/SimpleBeanDefinitionRegistry.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/parsing/QualifierEntry.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/ConfigurableBeanFactory.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/parsing/BeanComponentDefinition.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/BeanCurrentlyInCreationException.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/BeanMetadataElement.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/BeansException.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/PropertyEditorRegistrar.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/SimpleInstantiationStrategy.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/InstantiationAwareBeanPostProcessor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/support/ArgumentConvertingMethodInvoker.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/CommonsLogFactoryBean.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/MethodInvokingFactoryBean.java \* /opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/BeanDefinitionDecorator.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/DocumentLoader.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/URIEditor.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/InitializingBean.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/PropertyBatchUpdateException.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/BeanDefinitionResource.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/NamespaceHandlerResolver.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/PropertyEditorRegistry.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/ManagedSet.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/NotWritablePropertyException.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/AbstractPropertyAccessor.java

\* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2-

jar/org/springframework/beans/FatalBeanException.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/parsing/PropertyEntry.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/BeanMetadataAttributeAccessor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/UUIDEditor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/annotation/InitDestroyAnnotationBeanPostProcessor.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/ManagedList.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/URLEditor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/annotation/Value.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/NamespaceHandler.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/BeanInitializationException.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/XmlBeanDefinitionStoreException.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/parsing/ProblemReporter.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/SimpleSecurityContextProvider.java \* /opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/BeanCreationNotAllowedException.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/CustomNumberEditor.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/BeanExpressionException.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/DelegatingEntityResolver.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/XmlBeanFactory.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/DeprecatedBeanWarner.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/PluggableSchemaResolver.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/UnsatisfiedDependencyException.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/MethodReplacer.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/BeanDefinitionRegistry.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/support/PagedListHolder.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2-

jar/org/springframework/beans/propertyeditors/StringArrayPropertyEditor.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/BeanFactoryPostProcessor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/ListFactoryBean.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/ProviderCreatingFactoryBean.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/PropertyAccessor.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/CustomMapEditor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/annotation/Autowired.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/ManagedArray.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/PropertyOverrideConfigurer.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/support/SortDefinition.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/BeanNotOfRequiredTypeException.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/PatternEditor.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/xml/UtilNamespaceHandler.java \* /opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/support/PropertyComparator.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/parsing/ParseState.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/annotation/Configurable.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/ListableBeanFactory.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/FieldRetrievingFactoryBean.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/TimeZoneEditor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/annotation/AnnotatedBeanDefinition.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/parsing/ImportDefinition.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/AbstractFactoryBean.java \*/opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/CurrencyEditor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/FileEditor.java

\* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2-

jar/org/springframework/beans/NotReadablePropertyException.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/annotation/AnnotationBeanUtils.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/BeanDefinition.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/parsing/NullSourceExtractor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/BeanCreationException.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/support/ManagedMap.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/ObjectFactoryCreatingFactoryBean.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/access/SingletonBeanFactoryLocator.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/BeanMetadataAttribute.java \*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/propertyeditors/PropertiesEditor.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/SmartFactoryBean.java \* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/TypeMismatchException.java

\* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/Mergeable.java

\* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2jar/org/springframework/beans/factory/config/BeanReferenceFactoryBean.java No license file was found, but licenses were detected in source scan.

#### /\*

\* Copyright 2002-2013 the original author or authors.

\*

\* Licensed under the Apache License, Version 2.0 (the "License");

\* you may not use this file except in compliance with the License.

\* You may obtain a copy of the License at

\*

\* http://www.apache.org/licenses/LICENSE-2.0

\*

\* Unless required by applicable law or agreed to in writing, software

\* distributed under the License is distributed on an "AS IS" BASIS,

\* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

\* See the License for the specific language governing permissions and

\* limitations under the License.

\*/

Found in path(s):

\* /opt/cola/permits/1135863686\_1613617928.48/0/spring-beans-3-2-17-release-sources-2-jar/org/springframework/beans/factory/support/BeanDefinitionReader.java

```
*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/config/ConstructorArgumentValues.java
* /opt/cola/permits/1135863686_1613617928.48/0/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/config/TypedStringValue.java
*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/TypeConverter.java
*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/config/PlaceholderConfigurerSupport.java
* /opt/cola/permits/1135863686_1613617928.48/0/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/support/ChildBeanDefinition.java
* /opt/cola/permits/1135863686_1613617928.48/0/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/support/PropertiesBeanDefinitionReader.java
*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/annotation/AnnotatedGenericBeanDefinition.java
* /opt/cola/permits/1135863686_1613617928.48/0/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/support/ResourceEditorRegistrar.java
* /opt/cola/permits/1135863686_1613617928.48/0/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/config/ServiceLocatorFactoryBean.java
* /opt/cola/permits/1135863686_1613617928.48/0/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/ExtendedBeanInfoFactory.java
*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/access/BeanFactoryReference.java
* /opt/cola/permits/1135863686_1613617928.48/0/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/support/AutowireUtils.java
* /opt/cola/permits/1135863686_1613617928.48/0/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/config/DependencyDescriptor.java
*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/BeanInfoFactory.java
*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/xml/XmlBeanDefinitionReader.java
* /opt/cola/permits/1135863686_1613617928.48/0/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/SimpleTypeConverter.java
*/opt/cola/permits/1135863686_1613617928.48/0/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/wiring/BeanConfigurerSupport.java
*/opt/cola/permits/1135863686 1613617928.48/0/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/NoUniqueBeanDefinitionException.java
* /opt/cola/permits/1135863686_1613617928.48/0/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/support/RootBeanDefinition.java
* /opt/cola/permits/1135863686_1613617928.48/0/spring-beans-3-2-17-release-sources-2-
jar/org/springframework/beans/factory/support/AbstractBeanDefinitionReader.java
```

## 1.128 ca-certificates 20191127-r3

## 1.128.1 Available under license :

Found license 'General Public License 2.0' in '-# This program is free software; you can redistribute it and/or modify -# it under the terms of the GNU General Public License as published by -# the Free Software Foundation; either version 2 of the License, or -# (at your option) any later version. -# This program is distributed in the hope that it

will be useful, -# but WITHOUT ANY WARRANTY; without even the implied warranty of -# MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the -# GNU General Public License for more details. -# You should have received a copy of the GNU General Public License -# along with this program; if not, write to the Free Software +# \* You may opt to use, copy, modify, merge, publish, distribute and/or sell +# \* furnished to do so, under the terms of the COPYING file.'

## **1.129 jakarta xml bind api 2.3.2** 1.129.1 Available under license :

# Notices for Eclipse Project for JAXB

This content is produced and maintained by the Eclipse Project for JAXB project.

\* Project home: https://projects.eclipse.org/projects/ee4j.jaxb

## Trademarks

Eclipse Project for JAXB is a trademark of the Eclipse Foundation.

## Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

## Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0 which is available at http://www.eclipse.org/org/documents/edl-v10.php.

SPDX-License-Identifier: BSD-3-Clause

## Source Code

The project maintains the following source code repositories:

\* https://github.com/eclipse-ee4j/jaxb-api

## Third-party Content

This project leverages the following third party content.

None

## Cryptography

Content may contain encryption software. The country in which you are currently may have restrictions on the import, possession, and use, and/or re-export to another country, of encryption software. BEFORE using any encryption software, please check the country's laws, regulations and policies concerning the import, possession, or use, and re-export of encryption software, to see if this is permitted.

Copyright (c) 2017, 2018 Oracle and/or its affiliates. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## 1.130 busybox 1.31.1-r17

## 1.130.1 Available under license :

bzip2 applet in busybox is based on lightly-modified source of bzip2 version 1.0.4. bzip2 source is distributed under the following conditions (copied verbatim from LICENSE file)

This program, "bzip2", the associated library "libbzip2", and all documentation, are copyright (C) 1996-2006 Julian R Seward. All

rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
- 3. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
- 4. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Julian Seward, Cambridge, UK. jseward@bzip.org bzip2/libbzip2 version 1.0.4 of 20 December 2006 --- A note on GPL versions

BusyBox is distributed under version 2 of the General Public License (included in its entirety, below). Version 2 is the only version of this license which this version of BusyBox (or modified versions derived from this one) may be distributed under.

GNU GENERAL PUBLIC LICENSE Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

## GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readablesource code, which must be distributed under the terms of Sections1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or, c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions

either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

### END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found. <one line to give the program's name and a brief idea of what it does.> Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program 'Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989 Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

# 1.131 jcodings 1.0.46

## 1.131.1 Available under license :

No license file was found, but licenses were detected in source scan.

## /\*

- \* Permission is hereby granted, free of charge, to any person obtaining a copy of
- \* this software and associated documentation files (the "Software"), to deal in
- \* the Software without restriction, including without limitation the rights to
- \* use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies
- \* of the Software, and to permit persons to whom the Software is furnished to do
- \* so, subject to the following conditions:
- \*
- \* The above copyright notice and this permission notice shall be included in all
- \* copies or substantial portions of the Software.

\*

\* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR \* IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, \* FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE \* AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER \* LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, \* OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE \* SOFTWARE.

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sourcesjar/org/jcodings/unicode/FixedWidthUnicodeEncoding.java No license file was found, but licenses were detected in source scan.

/\*

\* Permission is hereby granted, free of charge, to any person obtaining a copy of

\* this software and associated documentation files (the "Software"), to deal in

- \* the Software without restriction, including without limitation the rights to
- \* use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies
- \* of the Software, and to permit persons to whom the Software is furnished to do
- \* so, subject to the following conditions:
- \*

\* The above copyright notice and this permission notice shall be included in all

- \* copies or substantial portions of the Software.
- \*

\* THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

\* IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

\* FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE

\* AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER

\* LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

\* OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE \* SOFTWARE.

```
*/
```

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sourcesjar/org/jcodings/unicode/UnicodeEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/specific/Iso2022jp\_decoder\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/Windows\_31JEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/ISO8859\_1Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/UTF32LEEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/UTF8Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/EncodingList.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/SJISEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/BaseUTF8Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/Big5UAOEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/BaseBIG5Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/UTF32BEEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/TranscodeTableSupport.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/EConv.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/specific/Cp50220\_decoder\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/CodeRange.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sourcesjar/org/jcodings/transcode/specific/Eucjp\_to\_stateless\_iso2022jp\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/util/Hash.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/ISO8859\_11Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/GenericTranscoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/specific/To\_UTF\_16\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-

jar/org/jcodings/transcode/specific/From\_UTF\_32\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-

jar/org/jcodings/transcode/specific/Stateless\_iso2022jp\_to\_eucjp\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/EUCTWEncoding.java

 $* \ / opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-10$ 

jar/org/jcodings/specific/UTF16BEEncoding.java

 $* / opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/ jcodings-1-0-46-sources-jar/org/ jcodings/Ptr. java = 0.000 + 0.000$ 

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-

jar/org/jcodings/specific/ISO8859\_8Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/KOI8UEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/Config.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/Windows\_1257Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/ObjPtr.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/EncodingDB.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/specific/From\_UTF\_16\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/specific/Cp50220\_encoder\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/specific/To\_UTF\_32BE\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/IntHolder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/specific/Sjis2eucjp\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/specific/Iso2022jp\_kddi\_encoder\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sourcesjar/org/jcodings/transcode/specific/Cp50221\_encoder\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-

jar/org/jcodings/exception/CharacterPropertyException.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/EucEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/CaseFoldMapEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/ISO8859\_16Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/ISO8859\_2Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/Windows\_1253Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/CP949Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/specific/To\_UTF\_16BE\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/unicode/UnicodeProperties.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/MultiByteEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sourcesjar/org/jcodings/transcode/specific/From\_UTF\_16LE\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/specific/Iso2022jp\_kddi\_decoder\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/util/CaseInsensitiveBytesHash.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/exception/ErrorMessages.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/CaseFoldCodeItem.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sourcesjar/org/jcodings/transcode/specific/From\_UTF\_32BE\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/GB18030Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/exception/InternalException.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/CanBeTrailTableEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sourcesjar/org/jcodings/transcode/specific/From\_UTF8\_MAC\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/specific/To\_UTF\_32\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/specific/To\_UTF\_32LE\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/NonStrictUTF8Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sourcesjar/org/jcodings/specific/ISO8859\_6Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/EUCJPEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/NonStrictEUCJPEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/EConvFlags.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/specific/From\_UTF\_32LE\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/exception/EncodingException.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sourcesjar/org/jcodings/transcode/specific/From\_GB18030\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/BaseSJISEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/GB2312Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/ISO8859\_4Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/util/IntArrayHash.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/TranscoderDB.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/Buffer.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/ISO8859\_7Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/specific/To\_UTF\_16LE\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/GBKEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/ascii/AsciiTables.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/ApplyAllCaseFoldFunction.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/UTF16LEEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/util/IntHash.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/ISO8859\_13Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/ISO8859\_14Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/AbstractEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/BaseEUCJPEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/Windows\_1251Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/EConvResult.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sourcesjar/org/jcodings/transcode/specific/Universal\_newline\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/TranscoderList.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/util/ObjHash.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/ISOEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sourcesjar/org/jcodings/transcode/specific/From\_UTF\_16BE\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/spi/ISO\_8859\_16.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/util/BytesHash.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/AsciiCompatibility.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/EUCKREncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/Windows\_1252Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/SingleByteEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/ISO8859\_10Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sourcesjar/org/jcodings/transcode/specific/Cp50221\_decoder\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/EmacsMuleEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sourcesjar/org/jcodings/specific/ISO8859\_3Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/KOI8Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/ISO8859\_5Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/Transcoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/BIG5Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/NonStrictSJISEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/Big5HKSCSEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/Windows\_1250Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/util/ArrayReader.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sourcesjar/org/jcodings/constants/CharacterType.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/exception/JCodingsException.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/ISO8859\_15Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/KOI8REncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/Windows\_1254Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sourcesjar/org/jcodings/specific/USASCIIEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sourcesjar/org/jcodings/constants/PosixBracket.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/TranscodingInstruction.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/ASCIIEncoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sourcesjar/org/jcodings/transcode/specific/Escape\_xml\_attr\_quote\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/specific/Iso2022jp\_encoder\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/specific/ISO8859\_9Encoding.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sourcesjar/org/jcodings/transcode/specific/To\_GB18030\_Transcoder.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/exception/TranscoderException.java

\* /opt/ws\_local/PERMITS\_SQL/1045445857\_1591003635.36/0/jcodings-1-0-46-sources-jar/org/jcodings/transcode/specific/Eucjp2sjis\_Transcoder.java

# 1.132 cpp 10.2.1\_pre1-r3

## 1.132.1 Available under license :

/\* Exported functions from alias.c Copyright (C) 2004-2020 Free Software Foundation, Inc.

This file is part of GCC.

GCC is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 3, or (at your option) any later version.

GCC is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with GCC; see the file COPYING3. If not see <http://www.gnu.org/licenses/>. \*/ GNU GENERAL PUBLIC LICENSE Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <a href="http://fsf.org/>keyyone">http://fsf.org/>keyyone</a> is permitted to copy and distribute verbatim copies

of this license document, but changing it is not allowed.

#### Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

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.

### TERMS AND CONDITIONS

#### 0. 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.

#### 1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source. The Corresponding Source for a work in source code form is that same work.

#### 2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you

receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; 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.

5. 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:

a) The work must carry prominent notices stating that you modified it, and giving a relevant date.

b) The work must carry prominent notices stating that it is released under this License and any conditions added under section7. This requirement modifies the requirement in section 4 to "keep intact all notices".

c) 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.

d) 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.

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.

6. 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:

a) 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.

b) 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.

c) 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.

d) 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, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

e) 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.

A separable portion of the object code, whose source code is excluded

from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

#### 7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or

b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or

c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or

d) Limiting the use for publicity purposes of names of licensors or authors of the material; or

e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or

f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or

run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

#### 10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

#### 11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License. Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

#### 12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

#### 13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

### END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest

to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.> Copyright (C) <year> <name of author>

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <a href="http://www.gnu.org/licenses/">http://www.gnu.org/licenses/</a>>.

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

<program> Copyright (C) <year> <name of author> This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer" for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <http://www.gnu.org/licenses/>.

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read <http://www.gnu.org/philosophy/why-not-lgpl.html>.

# 1.133 vertx-rx-java2 4.0.2

# 1.133.1 Available under license :

Found license 'Eclipse Public License 1.0' in '\* This program and the accompanying materials are made available under the \* terms of the Eclipse Public License 2.0 which is available at \* http://www.eclipse.org/legal/epl-2.0, or the Apache License, Version 2.0'

# 1.134 glibc 2.32-r0

# 1.134.1 Available under license :

GNU LESSER GENERAL PUBLIC LICENSE Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc. 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

## GNU LESSER GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of

its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form

under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications. You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies

#### the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and

conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

## END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is

safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.> Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990 Ty Coon, President of Vice

That's all there is to it!

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: www.cisco.com/go/trademarks. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1110R)

©2023 Cisco Systems, Inc. All rights reserved.