The Netty Project

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Please visit the Netty web site for more information:

\* https://netty.io/

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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.

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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:

\* https://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:

\* https://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 'lzma-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 optionally depends on 'zstd-jni', a zstd-jni Java compression

and decompression library, which can be obtained at:

\* LICENSE:

\* license/LICENSE.zstd-jni.txt (Apache License 2.0)

\* HOMEPAGE:

\* https://github.com/luben/zstd-jni

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:

\* https://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 micro-

benchmarking 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:

\* https://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:

\* https://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:

\* https://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 (Apple Public Source License 2.0)

\* HOMEPAGE:

\* https://www.opensource.apple.com/source/configd/configd-453.19/dnsinfo/dnsinfo.h

This product optionally depends on 'Brotli4j', Brotli compression and

decompression for Java., which can be obtained at:

\* LICENSE:

\* license/LICENSE.brotli4j.txt (Apache License 2.0)

\* HOMEPAGE:

\* https://github.com/hyperxpro/Brotli4j