Open Source Used In Cisco Virtual Managed Services 3.0

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Contents

1.1 ag-grid 4.0.5
   1.1.1 Available under license
1.2 ag-grid-react 4.0.0
   1.2.1 Available under license
1.3 Apache Jakarta Commons Logging 1.1
   1.3.1 Available under license
1.4 Apache WebServices Common Utilities 1.0.2
   1.4.1 Available under license
1.5 Apache XML-RPC Client Library 3.1.2
   1.5.1 Available under license
1.6 Apache XML-RPC Common Library 3.1.2
   1.6.1 Available under license
1.7 Apache XML-RPC Server Library 3.1.2
   1.7.1 Available under license
1.8 Apache-Web Services Commons Util 1.0.2
   1.8.1 Available under license
1.9 Bootstrap 3.3.5
   1.9.1 Available under license
1.10 Commons Logging 1.1.1
   1.10.1 Available under license
1.11 Finite State Machine (FSM) (Python recipe) 20020822
   1.11.1 Available under license
1.12 ganymed-ssh2 Build262
   1.12.1 Available under license
1.13 getopt v0.6.0
   1.13.1 Available under license
<table>
<thead>
<tr>
<th>Version</th>
<th>Source/Dependency</th>
<th>License Information</th>
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<tbody>
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<td>lodash</td>
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<td>Available under license</td>
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<td>react-dnd</td>
<td>Available under license</td>
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<td>1.32</td>
<td>react-dom</td>
<td>Available under license</td>
</tr>
</tbody>
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1.33 react-draggable 1.3.4
    1.33.1 Available under license
1.34 react-resizable 1.3.0
    1.34.1 Available under license
1.35 react-split-pane 0.1.37
    1.35.1 Available under license
1.36 SNMP4J 2.4.1
    1.36.1 Available under license
1.37 webapp-runner 8.0.33
    1.37.1 Available under license
1.38 xml-apis 1.3.04
    1.38.1 Available under license
1.39 yaws 1.99
    1.39.1 Available under license
1.40 Zlib 1.2.3
    1.40.1 Available under license

SIF_All Microservices 3.0

2.1 Activation 1.1 1.1
    2.1.1 Available under license
2.2 antisamy 1.4.3
    2.2.1 Available under license
2.3 ANTLR 3 Runtime 3.5
    2.3.1 Available under license
2.4 Apache Avro 1.7.6
    2.4.1 Available under license
2.5 Apache Commons BeanUtils 1.9.2
    2.5.1 Available under license
2.6 Apache Commons Digester 2.1
    2.6.1 Available under license
2.7 Apache Commons Pool 2.0
    2.7.1 Available under license
2.8 Apache Commons Pool 2.3
    2.8.1 Available under license
2.9 Apache HttpClient 4.5
    2.9.1 Available under license
2.10 Apache HttpCore 4.4.1
    2.10.1 Available under license
2.11 Apache Log4j 1.2.17
2.11.1 Available under license

2.12 Apache Xalan 2.7.0
2.12.1 Available under license

2.13 asm 3.3.1
2.13.1 Available under license

2.14 asm 5.0.1
2.14.1 Available under license

2.15 ASM 1.0.2
2.15.1 Available under license

2.16 ASM Commons 5.0.1
2.16.1 Available under license

2.17 ASM Tree 5.0.1
2.17.1 Available under license

2.18 asm-commons 5.0.1
2.18.1 Available under license

2.19 aspectjweaver 1.8.9
2.19.1 Available under license

2.20 avro-compiler 1.7.6
2.20.1 Available under license

2.21 batik-css 1.7 :NCCM 2.8
2.21.1 Available under license

2.22 batik-extension 1.7 :nccm 2.8
2.22.1 Available under license

2.23 batik-util 1.7 :NCCM 2.8
2.23.1 Available under license

2.24 bridge-method-annotation 1.13
2.24.1 Available under license

2.25 bsh-core 2.0 b4
2.25.1 Available under license

2.26 btf 1.2 :1.2
2.26.1 Available under license

2.27 cal10n-api 0.7.4
2.27.1 Available under license

2.28 cassandra-driver-core 2.1.9
2.28.1 Available under license

2.29 cassandra-driver-mapping 2.1.9
2.29.1 Available under license

2.30 cassandra-lucene-index-builder 2.1.11.1
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<table>
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<th>Version</th>
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<td>2.35</td>
<td>commons-compress 1.4.1</td>
<td>Available under license</td>
</tr>
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<td>2.36</td>
<td>commons-configuration 1.5</td>
<td>Available under license</td>
</tr>
<tr>
<td>2.37</td>
<td>commons-httpclient 3.1</td>
<td>Available under license</td>
</tr>
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<td>2.38</td>
<td>commons-io 2.4</td>
<td>Available under license</td>
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<tr>
<td>2.39</td>
<td>commons-lang 2.6</td>
<td>Available under license</td>
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<td>2.40</td>
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<td>commons-logging 1.2</td>
<td>Available under license</td>
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<td>2.42</td>
<td>commons-pool2 2.4.2</td>
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<td>commons-validator 1.4.0</td>
<td>Available under license</td>
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<td>2.44</td>
<td>consul-api 1.1.10</td>
<td>Available under license</td>
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<td>Available under license</td>
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<td>DOM4J - Flexible XML Framework for Java 1.6.1</td>
<td>Available under license</td>
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  2.51.1 Available under license
2.52 gs-collections-api 5.0 :5.0
  2.52.1 Available under license
2.53 Gson 2.3.1
  2.53.1 Available under license
2.54 Guava: Google Core Libraries for Java 18.0
  2.54.1 Available under license
2.55 hamcrest library 1.3
  2.55.1 Available under license
2.56 hamcrest-core 1.3
  2.56.1 Available under license
2.57 hibernate-validator 5.2.4.Final
  2.57.1 Available under license
2.58 httpClient 4.5.2
  2.58.1 Available under license
2.59 httpcore-4.4.4.jar 4.4.4
  2.59.1 Available under license
2.60 Jackson-annotations 2.5.0
  2.60.1 Available under license
2.61 jackson-annotations 2.6.6
  2.61.1 Available under license
2.62 jackson-annotations 2.6.6
  2.62.1 Available under license
2.63 jackson-core 2.6.6
  2.63.1 Available under license
2.64 jackson-core 2.6.6
  2.64.1 Available under license
2.65 Jackson-core 2.5.0
  2.65.1 Available under license
2.66 jackson-core-asl 1.9.13
  2.66.1 Available under license
2.67 jackson-coreutils 1.6
  2.67.1 Available under license
2.68 jackson-databind 2.6.6
  2.68.1 Available under license
2.69 jackson-databind 2.5.0
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<table>
<thead>
<tr>
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<th>Module/Package</th>
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<th>License</th>
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<tr>
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<td>2.4.2</td>
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<td>1.9.13</td>
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<td>2.75</td>
<td>jackson-module-jaxb-annotations</td>
<td>2.5.0</td>
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<td>2.76</td>
<td>Java Servlet API</td>
<td>3.1.0</td>
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<td>Available under license</td>
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<td>javax.annotation</td>
<td>1.2 :REL</td>
<td>Available under license</td>
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<td>javax.annotation API</td>
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2.90.1 Available under license

2.91 jaxen 1.1.6
2.91.1 Available under license

2.92 jaxen 1.1-beta-8
2.92.1 Notifications
2.92.2 Available under license

2.93 jboss-logging 3.1.3.GA
2.93.1 Available under license

2.94 jboss-logging 3.3.0 3.3.0.Final
2.94.1 Available under license

2.95 jcl-over-slf4j 1.7.21
2.95.1 Available under license

2.96 JDOM 1.0
2.96.1 Available under license

2.97 jedis 2.6.1
2.97.1 Available under license

2.98 Jedis 2.7.3
2.98.1 Available under license

2.99 Jetty 9.2.9.v20150224
2.99.1 Available under license

2.100 jetty-annotations 9.2.14.v20151106
2.100.1 Available under license

2.101 jetty-annotations 9.2.16.v20160414
2.101.1 Available under license

2.102 jetty-continuation 9.2.16.v20160414
2.102.1 Available under license

2.103 jetty-http 9.2.16.v20160414
2.103.1 Available under license

2.104 jetty-io 9.2.16.v20160414
2.104.1 Available under license

2.105 jetty-jndi 9.2.14.v20151106
2.105.1 Available under license

2.106 jetty-jndi 9.2.16.v20160414
2.106.1 Available under license

2.107 jetty-plus 9.2.14.v20151106
2.107.1 Available under license

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2.108.1 Available under license
2.109 jetty-schemas-3.1.M0.jar 3.1.0.M0
  2.109.1 Available under license
2.110 jetty-security 9.2.16.v20160414
  2.110.1 Available under license
2.111 jetty-security 9.2.14.v20151106
  2.111.1 Available under license
2.112 jetty-server 9.2.14.v20151106
  2.112.1 Available under license
2.113 jetty-server 9.2.16.v20160414
  2.113.1 Available under license
2.114 jetty-servlet 9.2.16.v20160414
  2.114.1 Available under license
2.115 jetty-servlet 9.2.14.v20151106
  2.115.1 Available under license
2.116 jetty-servlets 9.2.16.v20160414
  2.116.1 Available under license
2.117 jetty-util 9.2.14.v20151106
  2.117.1 Available under license
2.118 jetty-util 9.2.16.v20160414
  2.118.1 Available under license
2.119 jetty-webapp 9.2.16.v20160414
  2.119.1 Available under license
2.120 jetty-webapp 9.2.14.v20151106
  2.120.1 Available under license
2.121 jetty-xml 9.2.16.v20160414
  2.121.1 Available under license
2.122 jetty-xml 9.2.14.v20151106
  2.122.1 Available under license
2.123 jline 0.9.94
  2.123.1 Available under license
2.124 jnc 1.0
  2.124.1 Available under license
2.125 joda-time 2.8.2
  2.125.1 Available under license
2.126 json 20141113
  2.126.1 Available under license
2.127 JSON-lib 2.2.2. :jdk13
  2.127.1 Available under license
2.128 json-lib-2.4-jdk15 2.4
  2.128.1 Available under license

2.129 json-patch 1.6
  2.129.1 Available under license

2.130 json-path 2.0.0
  2.130.1 Available under license

2.131 json-schema-core 1.2.1
  2.131.1 Available under license

2.132 json-schema-validator 2.2.3
  2.132.1 Available under license

2.133 json-smart 2.1.1
  2.133.1 Available under license

2.134 jsr305 2.0.1
  2.134.1 Available under license

2.135 jul-to-slf4j 1.7.21
  2.135.1 Available under license

2.136 junit 4.12
  2.136.1 Available under license

2.137 Kafka_2.10 0.8.1.1
  2.137.1 Available under license

2.138 lang 0.2.4

2.139 libphonenumber 6.0
  2.139.1 Available under license

2.140 Log4J 1.2.16
  2.140.1 Available under license

2.141 log4j-over-slf4j 1.7.11
  2.142 log4j-over-slf4j 1.7.21
  2.142.1 Available under license

2.143 Logback Classic Module 1.1.3
  2.143.1 Available under license

2.144 Logback Core Module 1.1.3
  2.144.1 Available under license

2.145 logback-classic 1.1.7
  2.145.1 Available under license

2.146 logback-classic 1.0.9
  2.146.1 Available under license

2.147 logback-core 1.1.7
  2.147.1 Available under license

2.148 logback-core-1.1.7 1.1.7
2.148.1 Available under license
2.149 logstash-logback-encoder 4.7
   2.149.1 Available under license
2.150 Lucene Memory 5.5.0
   2.150.1 Available under license
2.151 Lucene Memory 3.6.0
   2.151.1 Available under license
2.152 Lucene Queries 4.10.4
   2.152.1 Available under license
2.153 lucene-analyzers-common 4.10.3 :4.10.3
   2.153.1 Available under license
2.154 lucene-core 4.10.4
   2.154.1 Available under license
2.155 lucene-grouping 4.10.4
   2.155.1 Available under license
2.156 lucene-highlighter 4.10.4
   2.156.1 Available under license
2.157 lucene-join 4.10.4
   2.157.1 Available under license
2.158 lucene-memory 4.10.4
   2.158.1 Available under license
2.159 lucene-queryparser 4.10.4
   2.159.1 Available under license
2.160 lucene-sandbox 4.10.4
   2.160.1 Available under license
2.161 lucene-spatial 4.10.4
   2.161.1 Available under license
2.162 lucene-suggest 4.10.4
   2.162.1 Available under license
2.163 mail 1.4
   2.163.1 Available under license
2.164 mailapi 1.4.3
   2.164.1 Available under license
2.165 markup-document-builder 0.1.4
   2.165.1 Available under license
2.166 metrics-annotation 2.2.0
   2.166.1 Available under license
2.167 metrics-core 3.0.2
   2.167.1 Available under license
2.168 mockito-core.jar 1.10.19
  2.168.1 Available under license

2.169 msg-simple 1.1
  2.169.1 Available under license

2.170 nekohtml 1.9.22
  2.170.1 Available under license

2.171 nekohtml 1.9.12
  2.171.1 Available under license

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  2.172.1 Available under license

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  2.173.1 Available under license

2.174 Netty/Codec 4.0.27.Final
  2.174.1 Available under license

2.175 Netty/Common 4.0.27.Final
  2.175.1 Available under license

2.176 Netty/Handler 4.0.27.Final
  2.176.1 Available under license

2.177 Netty/Transport 4.0.27.Final
  2.177.1 Available under license

2.178 objenesis 2.1
  2.178.1 Available under license

2.179 org.eclipse.jdt.core 3.8.2.v20130121
  2.179.1 Available under license

2.180 ParaNamer 2.3

2.181 querydsl-core 3.6.9

2.182 rhino 1.7.4
  2.182.1 Available under license

2.183 Scala Library 2.10.1
  2.183.1 Available under license

2.184 slf4j-api 1.7.12
  2.184.1 Available under license

2.185 slf4j-api 1.7.13
  2.185.1 Available under license

2.186 slf4j-api 1.7.21
  2.186.1 Available under license

2.187 slf4j-ext 1.6.3
  2.187.1 Available under license

2.188 snakeyaml 1.16
2.210 spring-boot-starter-websocket 1.3.5.RELEASE
   2.210.1 Available under license

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   2.211.1 Available under license

2.212 spring-context-support 4.2.4.RELEASE

2.213 spring-core 4.2.4.RELEASE
   2.213.1 Available under license

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   2.214.1 Available under license

2.215 spring-data-commons 1.11.4.RELEASE
   2.215.1 Available under license

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   2.216.1 Available under license

2.217 spring-data-redis 1.6.4
   2.217.1 Available under license

2.218 spring-expression 4.2.4.RELEASE
   2.218.1 Available under license

2.219 spring-hateoas 0.19.0.RELEASE
   2.219.1 Available under license

2.220 spring-integration-core 4.2.4.RELEASE
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2.221 spring-integration-file 4.2.5.RELEASE
   2.221.1 Available under license

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   2.222.1 Available under license

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### tools/shhopt.c, tools/shhopt.h:

**Title:** shhopt - library for parsing command line options.  
**Version:** 1.1.2  
**Entered-date:** 23MAR97  
**Description:** C-functions for parsing command line options, both traditional one-character options, and GNU'ish --long-options.  
**Keywords:** programming, library, lib, commandline, options  
**Author:** s.h.huseby@usit.uio.no (Sverre H. Huseby)  
**Primary-site:** http://www.ifi.uio.no/~sverrehu/pub-unix/  
**Alternate-site:** sunsite.unc.edu /pub/Linux/libs  
**shhopt-1.1.2.tar.gz**  
**Platforms:** Requires ANSI C-compiler.  
**Copying-policy:** BeerWare: If you have the time and money, send me a bottle of your favourite beer. If not, just send me a mail or something. Copy and use as you wish; just leave the author's name where you find it.

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1.21 lodash 4.11.1

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Written by: Philip Hazel
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---------------------------------------------------------------------------

[zlib]

/* zlib.h -- interface of the 'zlib' general purpose compression library

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108

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version 1.2.3, July 18th, 2005

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

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

* /

---------------------------------------------------------------------------
[edoc, syntax_tools]

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1.32 react-dom 0.14.6

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1.34 react-resizable 1.3.0

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1.35 react-split-pane 0.1.37
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1.36 SNMP4J 2.4.1

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1.37 webapp-runner 8.0.33

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2.26 btf 1.2 :1.2

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2.50 ganymed-ssh2 Build262

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337
2.51 gs-collections 5.0 :5.0

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2.52 gs-collections-api 5.0 :5.0

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2.53 Gson 2.3.1

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package com.google.gson.internal;

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

/**
 * Contains static utility methods pertaining to primitive types and their
 * corresponding wrapper types.
 *
 * @author Kevin Bourrillion
 */
public final class Primitives {
    private Primitives() {
    }

    /**
     * A map from primitive types to their corresponding wrapper types. */
    private static final Map<Class<?>, Class<?>> PRIMITIVE_TO_WRAPPER_TYPE;

    /**
     * A map from wrapper types to their corresponding primitive types. */
    private static final Map<Class<?>, Class<?>> WRAPPER_TO_PRIMITIVE_TYPE;

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

    static {
        Map<Class<?>, Class<?>> primToWrap = new HashMap<Class<?>, Class<?>>(16);
        Map<Class<?>, Class<?>> wrapToPrim = new HashMap<Class<?>, Class<?>>(16);

        add(primToWrap, wrapToPrim, boolean.class, Boolean.class);
        add(primToWrap, wrapToPrim, byte.class, Byte.class);
        add(primToWrap, wrapToPrim, char.class, Character.class);
        add(primToWrap, wrapToPrim, double.class, Double.class);
        add(primToWrap, wrapToPrim, float.class, Float.class);
        add(primToWrap, wrapToPrim, int.class, Integer.class);
        add(primToWrap, wrapToPrim, long.class, Long.class);
        add(primToWrap, wrapToPrim, short.class, Short.class);
        add(primToWrap, wrapToPrim, void.class, Void.class);

        PRIMITIVE_TO_WRAPPER_TYPE = Collections.unmodifiableMap(primToWrap);
        WRAPPER_TO_PRIMITIVE_TYPE = Collections.unmodifiableMap(wrapToPrim);
    }

    private static void addMap<Class<?>, Class<?>> forward,
            Map<Class<?>, Class<?>> backward, Class<?> key, Class<?> value) {
        }

forward.put(key, value);
backward.put(value, key);
}

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

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

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

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

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2.68 jackson-databind 2.6.6

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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It is currently developed by a community of developers, as well as supported
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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

javax.servlet;javax.servlet-api
javax.servlet.jsp;javax.servlet.jsp-api
org.glassfish.web;javax.servlet.jsp
org.glassfish.web;javax.servlet.jsp
org.glassfish.web;javax.servlet.jsp.jstl
org.eclipse.jetty.orbit;javax.servlet.jsp.jstl

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Apache
The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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MortBay

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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2.130 json-path 2.0.0

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2.131 json-schema-core 1.2.1
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2.132 json-schema-validator 2.2.3

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*/
package ch.qos.logback.classic.boolex

import ch.qos.logback.classic.spi.ILoggingEvent
import static ch.qos.logback.classic.Level.TRACE;
import static ch.qos.logback.classic.Level.DEBUG;
import static ch.qos.logback.classic.Level.INFO;
import static ch.qos.logback.classic.Level.WARN;
import static ch.qos.logback.classic.Level.ERROR;

// WARNING
// If this file is renamed, this should be reflected in
// logback-classic/pom.xml resources section.

/**
 * @author Ceki G&uuml;c&uuml;
 */
public class EvaluatorTemplate implements IEvaluator {

    boolean doEvaluate(ILoggingEvent event) {
        ILoggingEvent e = event;
        //EXPRESSION
    }

}  

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 */
package ch.qos.logback.classic.db.names;

/**
 * Adds custom prefix/suffix to table and column names.
 *
 * @author Tomasz Nurkiewicz
 */
public class SimpleDBNameResolver implements DBNameResolver {

    private String tableNamePrefix = "";
    private String tableNameSuffix = "";
    private String columnNamePrefix = "";
    private String columnNameSuffix = "";

    public <N extends Enum<?>> String getTableName(N tableName) {
        return tableNamePrefix + tableName.name().toLowerCase() + tableNameSuffix;
    }

    public <N extends Enum<?>> String getColumnName(N columnName) {
        return columnNamePrefix + columnName.name().toLowerCase() + columnNameSuffix;
    }

    public void setTableNamePrefix(String tableNamePrefix) {
        this.tableNamePrefix = tableNamePrefix != null? tableNamePrefix : "";
    }

    public void setTableNameSuffix(String tableNameSuffix) {
        this.tableNameSuffix = tableNameSuffix != null? tableNameSuffix : "";
    }

    public void setColumnNamePrefix(String columnNamePrefix) {
        this.columnNamePrefix = columnNamePrefix != null? columnNamePrefix : "";
    }

    public void setColumnNameSuffix(String columnNameSuffix) {
        this.columnNameSuffix = columnNameSuffix != null? columnNameSuffix : "";
    }

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    # conditions.

    # This SQL script creates the required tables by ch.qos.logback.classic.db.DBApender.
    #
    # It is intended for HSQL databases. It has been tested on HSQL 1.8.07.

    DROP TABLE logging_event_exception IF EXISTS;
DROP TABLE logging_event_property IF EXISTS;
DROP TABLE logging_event IF EXISTS;

CREATE TABLE logging_event (  
timestamp BIGINT NOT NULL,
formatted_message LONGVARCHAR NOT NULL,
logger_name VARCHAR(256) NOT NULL,
level_string VARCHAR(256) NOT NULL,
thread_name VARCHAR(256),
reference_flag SMALLINT,
arg0 VARCHAR(256),
arg1 VARCHAR(256),
arg2 VARCHAR(256),
arg3 VARCHAR(256),
caller_filename VARCHAR(256),
caller_class VARCHAR(256),
caller_method VARCHAR(256),
caller_line CHAR(4),
event_id BIGINT NOT NULL IDENTITY);

CREATE TABLE logging_event_property (  
event_id BIGINT NOT NULL,
mapped_key VARCHAR(254) NOT NULL,
mapped_value LONGVARCHAR,
PRIMARY KEY(event_id, mapped_key),
FOREIGN KEY (event_id) REFERENCES logging_event(event_id));

CREATE TABLE logging_event_exception (  
event_id BIGINT NOT NULL,
i SMALLINT NOT NULL,
trace_line VARCHAR(256) NOT NULL,
PRIMARY KEY(event_id, i),
FOREIGN KEY (event_id) REFERENCES logging_event(event_id));

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 */
package ch.qos.logback.classic.net;
import java.io.IOException;
import java.net.ServerSocket;
import java.net.Socket;
import java.util.ArrayList;
import java.util.List;
import java.util.concurrent.CountDownLatch;

import org.slf4j.Logger;
import org.slf4j.LoggerFactory;
import ch.qos.logback.classic.LoggerContext;
import ch.qos.logback.classic.joran.JoranConfigurator;
import ch.qos.logback.core.joran.spi.JoranException;

/**
 * A simple {@link SocketNode} based server.
 *
 * <pre>
 * &lt;b&gt;Usage:&lt;/b&gt; java ch.qos.logback.classic.net.SimpleSocketServer port configFile
 * &lt;/pre&gt;
 *
 * where &lt;em&gt;port</em&gt; is a port number where the server listens and
 * &lt;em&gt;configFile</em&gt; is an xml configuration file fed to
 * {@link JoranConfigurator}.
 *
 * &lt;/pre&gt;
 *
 * @author Ceki G{"u}lç{"u}l
 * @author Sébastien Pennec
 *
 * @since 0.8.4
 */

public class SimpleSocketServer extends Thread {

    Logger logger = LoggerFactory.getLogger(SimpleSocketServer.class);

    private final int port;
    private final LoggerContext lc;
    private boolean closed = false;
    private ServerSocket serverSocket;
    private List<SocketNode> socketNodeList = new ArrayList<SocketNode>();

    // used for testing purposes
    private CountDownLatch latch;

    public static void main(String argv[]) throws Exception {
        int port = -1;

        // ...
if (argv.length == 2) {
    port = parsePortNumber(argv[0]);
} else {
    usage("Wrong number of arguments.");
}

String configFile = argv[1];
LoggerContext lc = (LoggerContext) LoggerFactory.getILoggerFactory();
configureLC(lc, configFile);

SimpleSocketServer sss = new SimpleSocketServer(lc, port);
sss.start();
}

class SimpleSocketServer {
    LoggerContext lc;
    int port;

class SimpleSocketServer(LoggerContext lc, int port) {
        this.lc = lc;
        this.port = port;
    }

class run() {
    try {
        logger.info("Listening on port "+ port);
        serverSocket = new ServerSocket(port);
        while (!closed) {
            logger.info("Waiting to accept a new client.");
            signalAlmostReadiness();
            Socket socket = serverSocket.accept();
            logger.info("Connected to client at "+ socket.getInetAddress());
            logger.info("Starting new socket node.");
            SocketNode newSocketNode = new SocketNode(this, socket, lc);
            synchronized (socketNodeList) {
                socketNodeList.add(newSocketNode);
            }
            new Thread(newSocketNode).start();
        }
    } catch (Exception e) {
        if(closed) {
            logger.info("Exception in run method for a closed server. This is normal.");
        } else {
            logger.error("Unexpected failure in run method", e);
        }
    }
}

/**
 * Signal another thread that we have established a connection
 * This is useful for testing purposes.
*/
void signalAlmostReadiness() {
    if (latch != null && latch.getCount() != 0) {
        //System.out.println("signalAlmostReadiness() with latch "+latch);
        latch.countDown();
    }
}

/**
 * Used for testing purposes
 * @param latch
 */
void setLatch(CountDownLatch latch) {
    this.latch = latch;
}
/**
 * Used for testing purposes
 */
public CountDownLatch getLatch() {
    return latch;
}
public boolean isClosed() {
    return closed;
}

public void close() {
    closed = true;
    if (serverSocket != null) {
        try {
            serverSocket.close();
        } catch (IOException e) {
            logger.error("Failed to close serverSocket", e);
        } finally {
            serverSocket = null;
        }
    }

    logger.info("closing this server");
    synchronized (socketNodeList) {
        for (SocketNode sn: socketNodeList) {
            sn.close();
        }
    }
    if (socketNodeList.size() != 0) {
        logger.warn("Was expecting a 0-sized socketNodeList after server shutdown");
    }
}
public void socketNodeClosing(SocketNode sn) {
    logger.debug("Removing { }", sn);

    // don't allow simultaneous access to the socketNodeList
    // (e.g. removal whole iterating on the list causes
    // java.util.ConcurrentModificationException
    synchronized (socketNodeList) {
        socketNodeList.remove(sn);
    }
}

static void usage(String msg) {
    System.err.println(msg);
    System.err.println("Usage: java " + SimpleSocketServer.class.getName()
        + " port configFile");
    System.exit(1);
}

static int parsePortNumber(String portStr) {
    try {
        return Integer.parseInt(portStr);
    } catch (java.lang.NumberFormatException e) {
        e.printStackTrace();
        usage("Could not interpret port number [" + portStr + "].");
        // we won't get here
        return -1;
    }
}

static public void configureLC(LoggerContext lc, String configFile)
    throws JoranException {
    JoranConfigurator configurator = new JoranConfigurator();
    lc.reset();
    configurator.setContext(lc);
    configurator.doConfigure(configFile);
}

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*/
package ch.qos.logback.classic.turbo;

import org.slf4j.Marker;

import ch.qos.logback.classic.Level;
import ch.qos.logback.classic.Logger;
import ch.qos.logback.core.spi.FilterReply;

/**
 * See {@link http://logback.qos.ch/manual/filters.html#DuplicateMessageFilter}
 * for details.
 *
 * @author Ceki Gulcu
 *
 */
public class DuplicateMessageFilter extends TurboFilter {

/**
 * The default cache size.
 */
public static final int DEFAULT_CACHE_SIZE = 100;
/**
 * The default number of allows repetitions.
 */
public static final int DEFAULT_ALLOWED_REPETITIONS = 5;

public int allowedRepetitions = DEFAULT_ALLOWED_REPETITIONS;
public int cacheSize = DEFAULT_CACHE_SIZE;
private LRUMessageCache msgCache;

@Override
public void start() {
    msgCache = new LRUMessageCache(cacheSize);
    super.start();
}

@Override
public void stop() {
    msgCache.clear();
    msgCache = null;
    super.stop();
}
@Override
public FilterReply decide(Marker marker, Logger logger, Level level,
               String format, Object[] params, Throwable t) {
    int count = msgCache.getMessageCountAndThenIncrement(format);
    if (count <= allowedRepetitions) {
        return FilterReply.NEUTRAL;
    } else {
        return FilterReply.DENY;
    }
}

public int getAllowedRepetitions() {
    return allowedRepetitions;
}

/**
 * The allowed number of repetitions before
 * @param allowedRepetitions
 */
public void setAllowedRepetitions(int allowedRepetitions) {
    this.allowedRepetitions = allowedRepetitions;
}

public int getCacheSize() {
    return cacheSize;
}

public void setCacheSize(int cacheSize) {
    this.cacheSize = cacheSize;
}

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The Logback documentation can be found under the docs/ directory.

Building logback
===============

Building logback is documented at:

http://logback.qos.ch/setup.html#ide

In case of problems
==================

In case of problems please do not hesitate to post an e-mail message
on the logback-user@qos.ch mailing list. However, please do not
directly e-mail logback developers. The answer to your question might
be useful to other users. Moreover, there are many knowledgeable users
on the logback-user mailing lists who can quickly answer your
questions.

2.149 logstash-logback-encoder 4.7

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2.184 slf4j-api 1.7.12
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package org.slf4j.helpers;

import java.io.ObjectStreamException;
import java.io.Serializable;
import org.slf4j.Logger;
import org.slf4j.LoggerFactory;

/**
 * Serves as base class for named logger implementation. More significantly, this
 * class establishes deserialization behavior. See @see #readResolve.
 * @author Ceki Gulcu
 * @since 1.5.3
 */
abstract class NamedLoggerBase implements Logger, Serializable {

    private static final long serialVersionUID = 7535258609338176893L;
    protected String name;

    public String getName() {
        return name;
    }

    /**
     * Replace this instance with a homonymous (same name) logger returned
     * by LoggerFactory. Note that this method is only called during
     * deserialization.
     *
     * This approach will work well if the desired ILoggerFactory is the one
     * references by LoggerFactory. However, if the user manages its logger hierarchy
     * through a different (non-static) mechanism, e.g. dependency injection, then
     * this approach would be mostly counterproductive.
     *
     * @return logger with same name as returned by LoggerFactory
     * @throws ObjectStreamException
     */
    protected Object readResolve() throws ObjectStreamException {
        // using getName() instead of this.name works even for
// NOPLogger
return LoggerFactory.getLogger(getName());
}

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2.189 SnakeYAML 1.15

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2.190 Spatial4J 0.4.1

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cat spatial4j-0.4.1-sources/com/spatial4j/core/shape/impl/BufferedLineString.java

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2.202 spring-boot-starter-aop 1.3.5.RELEASE

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2.238 stax2-api 3.1.4

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2.239 swagger-annotations 1.5.3-M1

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2.240 swagger-annotations 1.5.0
2.241 swagger-compat-spec-parser 1.0.8

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2.242 swagger-core 1.5.0

2.243 swagger-core 1.5.3-M1

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2.253 WebSocket server API 1.0

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2.254 WebSocket server API 1.0

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2.268 XML Pull Parsing API 1.1.3.1

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2.270 xml-apis-ext 1.3.04

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2.272 xmlParserAPIs 2.6.2

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2.273 xom 1.1

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2.274 xpp3_min 1.1.4c

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3.10 angular-nvd3 0.0.9

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3.12 angular-sanitize 1.4.12

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3.16 angular-ui-sortable 0.14.3

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3.33 moment 2.10.6

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3.36 ng-file-upload-shim 12.2.9

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3.43 nvd3 0.0.1

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3.45 ui-router 0.2.15

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4.1 cassandra 2.1.14

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4.2 Consul 19

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```---
builds:
2d6319ff180f187631966e35586d814acc90b39:
    version: 2d6319ff180f187631966e35586d814acc90b39
    sha1: 0eee51dd90bd30403d0740caf6f3c8d4b446e229
    blobstore_id: 19be5e2d-0aa3-44f9-8bd2-f9bec348199a
format-version: '2'
```

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4.3 ElasticSearch 1.6.0 :1.6.0

4.4 junit 4.12

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=================
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c -D2006-11-20 mozilla/js/rhino

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

which is attached to this bug:

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

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org.mozilla.javascript.tools.debugger.downloaded.TreeTableModel.java
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5.31 ecj 4.4

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  tab-interval: 0.5in;
}
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  margin-left: auto;
  margin-top: 0.5em;
  margin-bottom: 0.5em;
}
p.list {
  margin-left: 0.5in;
  margin-top: 0.05em;
}
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# Compress LZF

This library contains efficient implementation of LZF compression format,
as well as additional helper classes that build on JDK-provided gzip (deflat)
codec.

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## Credit

Library has been written by Tatu Saloranta (tatu.saloranta@iki.fi).
It was started at Ning, inc., as an official Open Source process used by platform backend, but after initial versions has been developed outside of Ning by supporting community.

Other contributors include:

* Jon Hartlaub (first versions of streaming reader/writer; unit tests)
* Cedrik Lime: parallel LZF implementation

Various community members have contributed bug reports, and suggested minor fixes; these can be found from file "VERSION.txt" in SCM.
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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively 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.>
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<program>  Copyright (C) <year>  <name of author>
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Version 2.1, February 1999

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

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

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

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

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

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

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

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

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.
If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

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

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

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

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

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a) Accompany the work with the complete corresponding
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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
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which the executable runs, unless that component itself accompanies
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b) Give prominent notice with the combined library of the fact
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5.44 hamcrest-core 1.3
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5.45 hazelcast 3.2.3

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5.46 hazelcast 2.6.6

5.47 HK2 API module 2.3.0-b10
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5.54 httpcore-nio 4.4.1

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5.57 jackson-all 1.9 :3
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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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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.

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*/

package com.jcraft.jsch;

public class Buffer{
    final byte[] tmp=new byte[4];
    byte[] buffer;
    int index;
    int s;
    public Buffer(int size){
        buffer=new byte[size];
        index=0;
        s=0;
    }
    public Buffer(byte[] buffer){
        this.buffer=buffer;
        index=0;
        s=0;
    }
}
public Buffer(){ this(1024*10*2); }
public void putByte(byte foo) {
    buffer[index++]=foo;
}
public void putByte(byte[] foo) {
    putByte(foo, 0, foo.length);
}
public void putByte(byte[] foo, int begin, int length) {
    System.arraycopy(foo, begin, buffer, index, length);
    index+=length;
}
public void putString(byte[] foo) {
    putString(foo, 0, foo.length);
}
public void putString(byte[] foo, int begin, int length) {
    putInt(length);
    putByte(foo, begin, length);
}
public void putInt(int val) {
    tmp[0]=(byte)(val >>> 24);
    tmp[1]=(byte)(val >>> 16);
    tmp[2]=(byte)(val >>> 8);
    tmp[3]=(byte)(val);
    System.arraycopy(tmp, 0, buffer, index, 4);
    index+=4;
}
public void putLong(long val) {
    tmp[0]=(byte)(val >>> 56);
    tmp[1]=(byte)(val >>> 48);
    tmp[2]=(byte)(val >>> 40);
    tmp[3]=(byte)(val >>> 32);
    System.arraycopy(tmp, 0, buffer, index, 4);
    tmp[0]=(byte)(val >>> 24);
    tmp[1]=(byte)(val >>> 16);
    tmp[2]=(byte)(val >>> 8);
    tmp[3]=(byte)(val);
    System.arraycopy(tmp, 0, buffer, index+4, 4);
    index+=8;
}
void skip(int n) {
    index+=n;
}
void putPad(int n) {
    while(n>0){
        buffer[index++]=(byte)0;
        n--;
    }
}
public void putMPInt(byte[] foo){
  int i=foo.length;
  if((foo[0]&0x80)!=0){
    i++;
    putInt(i);
    putByte((byte)0);
  }
  else{
    putInt(i);
  }
  putByte(foo);
}

public int getLength(){
  return index-s;
}

public int getOffSet(){
  return s;
}

public void setOffSet(int s){
  this.s=s;
}

public long getLong(){
  long foo = getInt()&0xffffffffL;
  foo = ((foo<<32)) | (getInt()&0xffffffffL);
  return foo;
}

public int getInt(){
  int foo = getShort();
  foo = ((foo<<16)&0xffff0000) | (getShort()&0xffff);
  return foo;
}

public long getUInt(){
  long foo = 0L;
  long bar = 0L;
  foo = getByte();
  foo = ((foo<<8)&0xff00)|(getByte()&0xff);
  bar = getByte();
  bar = ((bar<<8)&0xff00)|(getByte()&0xff);
  foo = ((foo<<16)&0xffff0000) | (bar&0xffff);
  return foo;
}

int getShort() {
  int foo = getByte();
  foo = ((foo<<8)&0xff00)|(getByte()&0xff);
  return foo;
}

public int getByte() {
  return (buffer[s++]&0xff);
}
public void getByte(byte[] foo) {
    getByte(foo, 0, foo.length);
}

void getByte(byte[] foo, int start, int len) {
    System.arraycopy(buffer, s, foo, start, len);
    s+=len;
}

public int getByte(int len) {
    int foo=s;
    s+=len;
    return foo;
}

public byte[] getMPInt() {
    int i=getInt(); // uint32
    if(i<0 || // bigger than 0x7fffffff
        i>8*1024){
        // TODO: an exception should be thrown.
        i = 8*1024; // the session will be broken, but working around OOME.
    }
    byte[] foo=new byte[i];
    getByte(foo, 0, i);
    return foo;
}

public byte[] getMPIntBits() {
    int bits=getInt();
    int bytes=(bits+7)/8;
    byte[] foo=new byte[bytes];
    getByte(foo, 0, bytes);
    if((foo[0] & 0x80)!=0){
        byte[] bar=new byte[foo.length+1];
        bar[0]=0; // ??
        System.arraycopy(foo, 0, bar, 1, foo.length);
        foo=bar;
    }
    return foo;
}

public byte[] getString() {
    int i = getInt(); // uint32
    if(i<0 || // bigger than 0x7fffffff
        i>256*1024){
        // TODO: an exception should be thrown.
        i = 256*1024; // the session will be broken, but working around OOME.
    }
    byte[] foo=new byte[i];
    getByte(foo, 0, i);
    return foo;
}
byte[] getString(int[]start, int[]len) {
    int i=getInt();
    start[0]=getByte(i);
    len[0]=i;
    return buffer;
}
public void reset(){
    index=0;
    s=0;
}
public void shift(){
    if(s==0)return;
    System.arraycopy(buffer, s, buffer, 0, index-s);
    index=index-s;
    s=0;
}
void rewind(){
    s=0;
}
byte getCommand(){
    return buffer[5];
}
void checkFreeSize(int n){
    if(buffer.length<index+n){
        byte[] tmp = new byte[buffer.length*2];
        System.arraycopy(buffer, 0, tmp, 0, index);
        buffer = tmp;
    }
}
byte[][] getBytes(int n, String msg) throws JSchException {
    byte[][] tmp = new byte[n][];
    for(int i = 0; i < n; i++){
        int j = getInt();
        if(getLength() < j){
            throw new JSchException(msg);
        }
        tmp[i] = new byte[j];
        getByte(tmp[i]);
    }
    return tmp;
}

/*
static Buffer fromBytes(byte[]... args){
    int length = args.length*4;
*/
for(int i = 0; i < args.length; i++){  
    length += args[i].length;
}  
Buffer buf = new Buffer(length);
for(int i = 0; i < args.length; i++){  
    buf.putString(args[i]);
}  
return buf;
} */

static Buffer fromBytes(byte[][] args){
    int length = args.length*4;
    for(int i = 0; i < args.length; i++){  
        length += args[i].length;
    }
Buffer buf = new Buffer(length);
    for(int i = 0; i < args.length; i++){  
        buf.putString(args[i]);
    }
    return buf;
}

/*
static String[] chars="
  "0", "1", "2", "3", "4", "5", "6", "7", "8", "9", "$", "a", "b", "$", "$", "$",
"f"
"};
static void dump_buffer()
{  
    int foo;
    for(int i=0; i<tmp_buffer_index; i++){  
        foo=tmp_buffer[i]&0xff;
System.err.print(chars[(foo>>>4)&0xf]);
System.err.print(chars[foo&0xf]);
if(i%16==15){
    System.err.println("\n");  
continue;
}  
if(i>0 & i%2==1){
    System.err.print(" ");
}
System.err.println("\n");
}
static void dump(byte[] b){
    dump(b, 0, b.length);
}
static void dump(byte[] b, int s, int l){

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for(int i=s; i<s+l; i++){
    System.err.print(Integer.toHexString(b[i]&0xff)+":"+"
    System.err.println("\n    */

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**5.86 jersey-media-json-jackson 2.12**

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

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ActiveMQ

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APR

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ActiveMQ

Workflow and Computational Job Management Middleware

Airavata

Java-based build tool

Any23

Apache Portable Runtime libraries

Build Artifact Repository Manager

Enterprise OSGi application programming model

Apache Hadoop ecosystem integration and distribution project

Issue tracking, wiki and repository browser

Simple and intuitive build system for Java applications

Apache BVal: JSR-303 Bean Validation Implementation and Extensions

Spring based Integration Framework which implements the Enterprise Integration Patterns

Highly scalable second-generation distributed database

User-friendly Java ORM with Tools

CMIS (Content Management Interoperability Services) Clients and Servers

Semantically linked data for OSGi

User-friendly page and component oriented web framework

Infrastructure as a Service solution

Web development framework: separation of concerns, component-based

Reusable Java components

Continuous Integration and Build Server

Platform for building native mobile applications using HTML, CSS and JavaScript

RESTful document database

Comprehension and auditing of software distributions

Simple and Efficient MapReduce Pipelines

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Service Framework

Database access

RESTful cloud management interface

Apache Directory Server

Relational Data Persistence

Enterprise Social Messaging Environment

ESME
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<li><a href="http://rave.apache.org/" title="Web and social mashup engine">Rave</a></li>
<li><a href="http://river.apache.org/" title="Jini service oriented architecture">River</a></li>
<li><a href="http://roller.apache.org/" title="Java blog server">Roller</a></li>
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<li><a href="http://sqoop.apache.org/" title="Bulk Data Transfer for Hadoop and Structured Datastores">Sqoop</a></li>
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# -*- coding: utf-8 -*-
Gem::Specification.new do |s|
  s.name = 'maven-tools'
  s.version = '123'

  s.summary = 'helpers for maven related tasks'
  s.description = 'adds versions conversion from rubygems to maven and vice versa, ruby DSL for POM (Project Object Model from maven), pom generators, etc'
  s.homepage = 'http://github.com/torquebox/maven-tools'
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5.122 nagios-plugins 2.1.1

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use strict;
use lib '/lib';
use MBTest;
use DistGen;

plan 'no_plan';

# Ensure any Module::Build modules are loaded from correct directory
blib_load('Module::Build');

# Create test distribution
#--------------------------------------#
{
  my $dist = DistGen->new(
    name => 'Simple::Name',
    version => '0.01',
    license => 'perl',
  );

  $dist->regen;
  $dist->chdir_in;

  my $mb = $dist->new_from_context();
  isa_ok( $mb, "Module::Build" );
  is( $mb->license, 'perl',
    "license 'perl' is valid"
  );

  my $meta = $mb->get_metadata( fatal => 0 );

  is( $meta->{license} => 'perl', "META license will be 'perl'");
  is( $meta->{resources}{license}, "http://dev.perl.org/licenses/",
    "META license URL is correct"
  );
my $dist = DistGen->new(
    name => 'Simple::Name',
    version => '0.01',
    license => 'VaporWare'
);

$dist->regen;
$dist->chdir_in;

my $mb = $dist->new_from_context();
isa_ok( $mb, "Module::Build" );
is( $mb->license, 'VaporWare',
    "license 'VaporWare' is valid"
);

my $meta = $mb->get_metadata( fatal => 0 );

is( $meta->{license} => 'unrestricted', "META license will be 'unrestricted'" );
is( $meta->{resources}{license}, "http://example.com/vaporware/",
    "META license URL is correct"
);

# Test with alpha number
# vim:ts=2:sw=2:et:sta:sts=2
FULLTEXT
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5.140 protobuf-java 2.6.1

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5.141 RabbitMQ 3.0.2

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Gocheck - A rich testing framework for Go

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Go support for Protocol Buffers - Google's data interchange format

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7.20 nmap 6.40 :7.el7

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- libpcap: Network packet capture library. Distributed with Nmap in the libpcap subdirectory.
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  http://code.google.com/p/libdnet/
- PCRE: Perl-compatible regular expressions. PCRE is part of Nmap's version detection and is also made available as an NSE library. Distributed with Nmap in the libpcre subdirectory.
  http://www.pcre.org/
- liblua: Lua programming language. Lua is the implementation language of NSE, the Nmap Scripting Engine. Nmap links with liblua to allow running Lua programs inside Nmap. Distributed with Nmap in the liblua subdirectory. liblua can be omitted by configuring with the --without-liblua configuration directive.
  http://www.lua.org/
- OpenSSL: Cryptographic library. OpenSSL is used by service detection and by NSE to connect to SSL services. NSE also provides access to OpenSSL functions such as encryption and digest calculation. OpenSSL
can be disabled by configuring with the --without-openssl configuration directive.
http://www.openssl.org/

- LIBLINEAR. Used for IPv6 OS classification.
  http://www.csie.ntu.edu.tw/~cjlin/liblinear/
- libsvn. The Subversion library, used by the updater program

On Windows only, Nmap uses:
- WinPcap: libpcap for Windows. The libpcap license applies to WinPcap,
  and it also has its own license. A binary copy of the library is
  distributed with Nmap in the subdirectory mswin32/winpcap.
  http://www.winpcap.org/

Certain Nmap Scripting Engine scripts use the simplified BSD license in
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Zenmap and Ndiff require:
- Python. The binary distributions of Nmap include a Python interpreter
  and various libraries, built using either py2exe or py2app.
  http://www.python.org/

The Windows and Mac OS X binary packages include bundled versions of:
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  http://www.gtk.org/
- Cairo: graphics library. Dual-licensed under the GNU LGPL 2.1 and the
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  http://www.cairographics.org/
- libgailutil: Accessibility support for GTK+.
- libpng, jpeg, LibTIFF: Image file format libraries used by GTK+.
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  http://xmlsoft.org/
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- PyGTK, PyGObject: bindings for Python. Licensed under the GNU LGPL 2.1.
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The Mac OS binary packages also include:
- Various X.org libraries. These were built using MacPorts.
  http://www.x.org/ http://www.macports.org/

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2006-Jan-27

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Table of Contents

* GNU GENERAL PUBLIC LICENSE
  o Preamble
  o TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
  o How to Apply These Terms to Your New Programs

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In some email I received from Harlan Stenn, sie wrote:
> Darren,
>
> I'm looking for an async resolver library that I can use with NTP.
>
> I noticed your code in the contrib/subdir of later bind8 distribution
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> * arlib.c (C)opyright 1993 Darren Reed. All rights reserved.
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> * shape or form. The author takes no responsibility for any damage or loss
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>
> so I thought I'd ask your permission to distribute your files if I can
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3630

http://coombs.anu.edu.au/~avalon/arlib.tar.gz

a few bug fixes (inc. buffer overflow :) and stuff in there.

But otherwise, go for it.

Darren

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October 1996
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7.24 python-dev 2.7.11.1

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--------------------------------------------------------------

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

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

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

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7.25 python3-dev 3.5.1.3

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This package was put together by Klee Dienes <klee@debian.org> from sources from ftp.python.org:/pub/python, based on the Debianization by the previous maintainers Bernd S. Brentrup <bsb@uni-muenster.de> and Bruce Perens.

Current maintainer is Matthias Klose <doko@debian.org> until the final 2.3 version is released.

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

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

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

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This is the Info-ZIP file COPYING (for UnZip), last updated 17 Jul 2000.

FIRST NOTE:
This file contains some details about the copyright history of contributions to the UnZip project. Additionally, it summarises some exceptions to the general BSD-like copyright found in LICENSE that covers our generic code and most of
the system specific ports.
Please read LICENSE first to find out what is allowed to do with
Info-ZIP's UnZip code.

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There are currently two explicit copyrights on portions of UnZip
code (at least, of which Info-ZIP is aware):
Jim Luther's Mac OS File Manager interface code; and Christopher Evans' 
MacBinaryIII coding code (for the MacOS port) . These copyrights
are discussed in more detail below.

All remaining code is now (starting with UnZip version 5.41) covered
by the new Info-ZIP license. For details, please read the acompanying
file LICENSE. The terms and conditions in this license supersede the
copyright conditions of the contributions by Igor Mandrichenko 
(vms/vms.c), Greg Roelofs (zipinfo.c, new version of unshrink.c),
Mike White (Windows DLL code in "windll/*"), Steve P. Miller (Pocket
UnZip GUI "wince/*"), and Mark Adler (inflate/explode decompression
core routines, previously put into the public domain). All these
Info-ZIP contributors (or "primary" authors) have permitted us to
replace their copyright notes by the Info-ZIP License.

Frequently Asked Questions regarding (re)distribution of Zip and UnZip
are near the end of this file.

There are no known patents on any of the code in UnZip. Unisys
claims a patent on LZW encoding and on LZW decoding _in an apparatus
that performs LZW encoding_, but the patent appears to exempt a stand-
alone decoder (as in UnZip's unshrink.c). Unisys has publicly claimed
otherwise, but the issue has never been tested in court. Since this
point is unclear, unshrinking is not enabled by default. It is the
responsibility of the user to make his or her peace with Unisys and
its licensing requirements. (unshrink.c may be removed from future
releases altogether.)

__________________________________________________________________________
The original unzip source code has been extensively modified and
almost entirely rewritten (changes include random zipfile access
rather than sequential; replacement of unimplode() with explode();
replacement of old unshrink() with new (unrelated) unshrink(); re-
placement of output routines; addition of inflate(), wildcards,
filename-mapping, text translation, ...; etc.). As far as we can
tell, only the core code of the unreduce method remained substantially
similar to Mr. Smith's original source. As of UnZip 5.42, the complete
core code is now covered by the Info-ZIP Licence. Therefore, support
for the reduce method has been removed.
The drop of the reduce method should only affect some test archives,
reducing was never used in any publically distributed Zip program. For pathologic cases where support for reduced archive entries is needed, the unreduce code copyrighted by Samuel H. Smith is available as a separate distribution (the restricted copyright of this code is cited below in the "historical" section).

The following copyright applies to the Mac OS File Manager interface code (macos/source/macstuff.[ch]), distributed with UnZip 5.4 and later:

* MoreFiles
* 
* A collection of File Manager and related routines
* 
* by Jim Luther (Apple Macintosh Developer Technical Support Emeritus)
* with significant code contributions by Nitin Ganatra
* (Apple Macintosh Developer Technical Support Emeritus)
* Portions copyright 1995 Jim Luther
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* The Package "More Files" is distributed under the following license terms:
* 
* "You may incorporate this sample code into your applications without restriction, though the sample code has been provided "AS IS" and the responsibility for its operation is 100% yours. However, what you are not permitted to do is to redistribute the source as "DSC Sample Code" after having made changes. If you're going to redistribute the source, we require that you make it clear in the source that the code was descended from Apple Sample Code, but that you've made changes."

The usage terms of this copyright note are compatible with the Info-ZIP license, they do not add further restrictions.

The following copyright applies to the Mac OS "macbin3" decoding code (extra field compatibility with ZipIt):

* MacBinaryIII.h
* 
* Copyright 1997 Christopher Evans (cevans@poppybank.com)
* 
* Basic encoding and decoding of Macintosh files to the MacBinary III spec.
* ________________________________________________________________
* This source is copyrighted by Christopher Evans (cevans@poppybank.com)
* (available at ftp://ftp.lazerware.com/MacBinaryIII_src_C.sit
* homepage of Leonard Rosenthal leonardr@netcom.com)

This copyright note does not contain any usage terms. So, we assume that this code is freely reusable until we are proved wrong...

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The remaining copyright notes have been superseeded by the new Info-ZIP license, with explicit permission from the respective original authors. They are cited here for historical reasons, only:

The following copyright applies to the full-featured unreduce.c (now distributed separately):

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* Do not distribute modified versions without my permission.
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* If you use this in your own program you must distribute source code.
* Do not use any of this in a commercial product.

Regarding the first stipulation, Mr. Smith was tracked down in southern California some years back [Samuel H. Smith, The Tool Shop; as of mid-May 1994, (213) 851-9969 (voice), (213) 887-2127 (?) (subscription BBS), 71150.2731@compuserve.com]:

"He says that he thought that whoever contacted him understood that he has no objection to the Info-ZIP group's inclusion of his code. His primary concern is that it remain freely distributable, he said."

Despite the fact that our "normal" code has been entirely rewritten and by default no longer contains any of Mr. Smith's code, Info-ZIP remains indebted and grateful to him. We hope he finds our contributions as useful as we have his.

Note that the third and fourth stipulations still apply to any company that wishes to incorporate the unreduce code into its products; if you wish to do so, you must contact Mr. Smith directly regarding licensing.

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The following copyright applied to most of the VMS code in vms.c, distributed with UnZip version 4.2 and later:
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* Frequently Asked Questions section below, plus one additional
* condition: namely, that my name not be removed from the source
* code. (Other names may, of course, be added as modifications
* are made.) Corporate legal staff (like at IBM :- ) ) who have
* problems understanding this can contact me through Zip-Bugs...

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* written by the Info-ZIP group, are copyrighted 1997 by Steve P.
* Miller. The product "Pocket UnZip" itself is property of the
* author and cannot be altered in any way without written consent
* from Steve P. Miller.

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The remaining code was written by many people associated with the
Info-ZIP group, with large contributions from (but not limited to):
Greg Roelofs (overall program logic, ZipInfo, unshrink, filename
mapping/portability, etc.), Mark Adler (inflate, explode, funzip),
Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows DLLs), Christian Spieler (overall logic, optimization, VMS, etc.) and others. See the file CONTRIBS in the source distribution for a much more complete list of contributors.

The decompression core code for the deflate method (inflate.[ch], explode.c) was originally written by Mark Adler who submitted it as public domain code.

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