License Guide – License Subscription
Oracle Banking Liquidity Management
Release 14.5.0.0.0

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FINANCIAL SERVICES

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1. Preface

1.1 Introduction

This document helps you understand the guiding rules for Oracle Banking Liquidity Management licensing, the components included in the license and the units that are separately licensed.

This document also provides information on the third party software packaged along with Oracle Banking Liquidity Management.

1.2 Audience

This document is intended for the following audience:

- Customers
- Partners

1.3 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

1.4 Organization

This manual is organized into the following chapters:

Chapter	Description
Chapter 1	*Preface* gives information on the intended audience. It also lists the various chapters covered in this license guide.
Chapter 2	*Oracle Banking Liquidity Management Licensing* provides information on *Oracle Banking Liquidity Management* licensing.
Chapter 3	*Software Pre-requisites* consists of the technology pre-requisites required for *Oracle Banking Liquidity Management.*
Chapter 4	*Third Party Licenses* provides information on licensing of third party software packaged along with *Oracle Banking Liquidity Management.*

1.5 Related Documents

For more information, refer to the following documents:

- End user license agreement
- Oracle Banking Liquidity Management User Manuals

2. Oracle Banking Liquidity Management License Subscription Licensing

2.1 Introduction

This chapter provides information on Oracle Banking Liquidity Management License Subscription.

It contains the following sections:

- General licensing rules
- Components included in license
- Separately licensed pre-requisite products and licensing metric
- Restricted use license

2.2 General Licensing Rules

Not applicable to Oracle Banking Liquidity Management License Subscription.

2.3 Components Included in License

Not applicable to Oracle Banking Liquidity Management License Subscription.

2.4 Separately Licensed Pre-requisite Products and Licensing Metric

The module wise list of separately licensed products and the licensing metric is given below.

Module Description	**Separately Licensed Prerequisites**	**Licensing Metric(s)**
Oracle Banking Liquidity Management License Subscription	Oracle Database Enterprise Edition, WebLogic Server Standard Edition, Oracle HTTP Server	Liquidity Account

2.5 Restricted Use License

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3. Environment Details

3.1 Tech Stack - OBLM

Component	Deployment option	Machine	Operating System	Software	Version Number
Oracle Banking Liquidity Management	Single Instance Standalone	Application Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	12.2.1.4.0
				Oracle Fusion Middleware 12c Infrastructure	12.2.1.4.0
				Java HotSpot (TM) JDK (with WebLogic Application Server)	Oracle JDK 8 Update 281
		Database Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit))	Oracle Database 19c Enterprise Edition Release	19.10.0.0.0
		Message Broker	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Apache Kafka	2.13-2.6.0
				Apache ZooKeeper	3.6.2
		Reporting Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	12.2.1.4.0
				Oracle Fusion Middleware 12c Infrastructure	12.2.1.4.0
				JDK	Oracle JDK 8 Update 281
				Oracle Database (for RCU)	19.10.0.0.0
				Oracle Repository Creation Utility (RCU)	12.2.1.4.0
				Oracle Analytics Server	5.9.0
		Client Machines#		Mozilla Firefox	Mozilla Firefox 1 Release (79+)
				Google Chrome	Release (Version 88.0.4324.146)
				Microsoft Edge	Microsoft Edge (79+)
				Safari	Apple Safari (12.*,11.*)

Note: # Browser support is no longer based on Operating Systems but strictly tied to the browser themselves, no matter on which Operating Systems they are installed. Current release is certified on client workstations with Windows 10 and Mac OS.

4. Third-Party Licenses

4.1 Introduction

This chapter provides information on licensing of third party software that are packaged with Oracle Banking Liquidity Management 14.5.0.0.0 product release. It contains the following sections:

- Apache License 2.0
- The MIT License
- Others

4.1.1 Apache License 2.0

The following libraries include software developed by The Apache Software Foundation (http://www.apache.org/).

For license information, See "Apache License 2.0"

- Commons FileUpload 1.4
- math.js 5.9.0
- cglib 3.3.0
- python-dateutil 2.8.1
- PDFBox 2.0.18
- POI 4.1.2
- Velocity Engine 2.2
- Guava 29.0
- Apache FOP 2.5
- HikariCP 3.4.5
- modelmapper 2.3.8
- JsonPath 2.4.0-1ed1ea0
- jslt 0.1.9
- jjwt 0.11.2
- swagger-annotations 1.6.2
- importlib-metadata 1.7.0
- Avro 1.10.0
- pytesseract 0.3.4
- Kafka 2.6.0
- Spring Boot 2.3.3.RELEASE
- connexion 2.7.0
- jackson-jaxrs-json-provider 2.11.2
- Spring Security 5.3.4.RELEASE

- spring-cloud-stream 3.0.8.RELEASE
- spring-cloud-stream-binder-kafka 3.0.8.RELEASE
- flyway-core 6.5.5
- log4j-over-slf4j 1.7.30
- OpenNLP-tools 1.9.3
- Spring-Security-Oauth 2.5.0.RELEASE
- jackson-dataformat-xml 2.11.2
- Commons IO 2.8.0
- netty-codec-http 4.1.52.Final
- netty-transport-native-epoll 4.1.52.Final
- Spring Cloud Sleuth 2.2.5.RELEASE
- ZooKeeper 3.6.2
- swagger-parser 2.0.22
- jackson-dataformat-cbor 2.11.2
- camel-core 3.5.0
- spring-cloud-config-client 2.2.5.RELEASE
- spring-cloud-config-server 2.2.5.RELEASE
- spring-cloud-starter-config 2.2.5.RELEASE
- spring-cloud-netflix-core 2.2.5.RELEASE
- spring-cloud-starter-netflix-eureka-server 2.2.5.RELEASE
- spring-cloud-starter-netflix-eureka-client 2.2.5.RELEASE
- spring-cloud-starter-netflix-zuul 2.2.5.RELEASE
- spring-cloud-netflix-eureka-client 2.2.5.RELEASE
- camel-cxf 3.5.0
- camel-resilience4j 3.5.0
- Conductor 2.30.1
- spring-cloud-netflix-eureka-server 2.2.5.RELEASE
- tika-core 1.25
- velocity-tools-generic 3.0-422ed61
- Tesseract 4.1.1
- swagger-ui 3.39.0
- mapstruct 1.4.2.Final
- micrometer-registry-prometheus 1.6.4
- tess4j 4.5.4

4.1.2 The MIT License

The below library includes software developed by jsoup.org

- Node-TimSort 0.3.0
- Moment.js 2.24.0
- Knockout.js 3.5.0
- Simple Logging Facade for Java (SLF4J) 1.7.30
- jsoup 1.13.1
- jQuery 3.5.1
- lodash 4.17.20
- opencv-python 4.3.0.36
- Configparser 5.0.0
- datefinder 0.7.1
- pdf2image 1.14.0
- python-magic 0.4.18
- pyap 0.3.1

4.1.3 Others

- pybase64 1.0.1
- Flask 1.1.2
- dateparser 0.7.6
- Jakarta Mail 1.6.5
- EclipseLink 2.7.7
- XStream 1.4.14
- JavaScript Extension Toolkit (JET) 9.1.0
- JSZip 3.2.1
- py4j 0.10.9
- six 1.15.0
- NumPy 1.19.0
- JSON 20200518
- Python Imaging Library (Pillow) 7.2.0
- Lombok 1.18.16
- Python 3.8.6
- scikit-image 0.17.2
- SciPy 1.5.3

4.2 Apache License 2.0

4.2.1 Commons FileUpload 1.4

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4.2.2 math.js 5.9.0

Math.js https://github.com/josdejong/mathjs/blob/v5.1.0/LICENSE

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Version 2.0, January 2004

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4.2.3 cglib 3.3.0

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4.2.4 python-dateutil 2.8.1

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4th Party Component #8: batik-dom

4th Party Component #9: batik-ext

4th Party Component #10: batik-extension

4th Party Component #11: batik-gvt

4th Party Component #12: batik-i18n

4th Party Component #13: batik-parser

4th Party Component #14: batik-script

4th Party Component #15: batik-shared-resources

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Joseph Reagle

Last revised by Reagle $Date: 2005-06-03 18:49:13 -0400 (Fri, 03 Jun 2005) $

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4.2.12 JsonPath 2.4.0-1ed1ea0

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4.2.13 jslt 0.1.9

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==========

4.2.14 jjwt 0.11.2

Top Level Components and subcomponents:

JJWT :: API (io.jsonwebtoken:jjwt-api) ;

JJWT :: Impl (io.jsonwebtoken:jjwt-impl);

JJWT :: Extensions :: Jackson (io.jsonwebtoken:jjwt-jackson) ;

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Jackson-annotations (com.fasterxml.jackson.core:jackson-annotations)

Jackson-core (com.fasterxml.jackson.core:jackson-core)

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jackson-databind (com.fasterxml.jackson.core:jackson-databind

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4.2.15 swagger-annotations 1.6.2

Top Level Component : swagger-annotations

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4.2.16 importlib-metadata 1.7.0

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4.2.17 Avro 1.10.0

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4.2.18 pytesseract 0.3.4

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--------- FreeType font driver for BDF fonts

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

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

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JDK8 datatype component, version 2.x

(version numbers in brackets indicate release in which the problem was fixed)

Tatu Saloranta (tatu.saloranta@iki.fi): author

Henning Schmiedehausen (hgschmie@github)

* Reported #11: Add `configureAbsentsAsNulls` config setting, for better compatibility

with Guava module

(2.6.0)

Jerome Loisel (jloisel@github)

* Reported #14: Missing `@type` when serializing Optional

(2.6.2)

Peter Royal (osi@github)

* Reported #20: fails to serialize empty Optional with @JsonUnwrapped annotation

(2.6.4)

* Reported #25: OptionalDoubleSerializer does not override acceptJsonFormatVisitor

(2.6.4)

* Reported, contributed fix fo #26: `@JsonUnwrapped` on Optional value does not

propagate prefix to schema

(2.6.4)

Nick Cronin (Quintok@github)

* Reported #21: Manifest file missing OSGi import for `com.fasterxml.jackson.databind.introspect`

(2.6.4)

James Lorenzen (jlorenzen@github)

* Requested #18: Allow use of `@JsonInclude(content=Include.NON_EMPTY)` with `Optional<>`

(2.7.0)

==========

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4th Party Component #6 : asm

4th Party Component #7 : asm-analysis

4th Party Component #8 : asm-commons

4th Party Component #9 : asm-tree

4th Party Component #10 : asm-util

ASM: a very small and fast Java bytecode manipulation framework

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Other developers who have contributed code are:

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JDK8 datatype component, version 2.x

(version numbers in brackets indicate release in which the problem was fixed)

Tatu Saloranta (tatu.saloranta@iki.fi): author

Henning Schmiedehausen (hgschmie@github)

* Reported #11: Add `configureAbsentsAsNulls` config setting, for better compatibility

with Guava module

(2.6.0)

Jerome Loisel (jloisel@github)

* Reported #14: Missing `@type` when serializing Optional

(2.6.2)

Peter Royal (osi@github)

* Reported #20: fails to serialize empty Optional with @JsonUnwrapped annotation

(2.6.4)

* Reported #25: OptionalDoubleSerializer does not override acceptJsonFormatVisitor

(2.6.4)

* Reported, contributed fix fo #26: `@JsonUnwrapped` on Optional value does not

propagate prefix to schema

(2.6.4)

Nick Cronin (Quintok@github)

* Reported #21: Manifest file missing OSGi import for `com.fasterxml.jackson.databind.introspect`

(2.6.4)

James Lorenzen (jlorenzen@github)

* Requested #18: Allow use of `@JsonInclude(content=Include.NON_EMPTY)` with `Optional<>`

(2.7.0)

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org.apache.tomcat.util.json.JSONParser.jj is a public domain javacc grammar

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- javaee_web_services_client_1_2.xsd

- javaee_6.xsd

- javaee_web_services_1_3.xsd

- javaee_web_services_client_1_3.xsd

- jsp_2_2.xsd

- web-app_3_0.xsd

- web-common_3_0.xsd

- web-fragment_3_0.xsd

- javaee_7.xsd

- javaee_web_services_1_4.xsd

- javaee_web_services_client_1_4.xsd

- jsp_2_3.xsd

- web-app_3_1.xsd

- web-common_3_1.xsd

- web-fragment_3_1.xsd

- javaee_8.xsd

- web-app_4_0.xsd

- web-common_4_0.xsd

- web-fragment_4_0.xsd

may be obtained from:

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- jsp_2_2.xsd

- web-app_3_0.xsd

- web-common_3_0.xsd

- web-fragment_3_0.xsd

- javaee_7.xsd

- javaee_web_services_1_4.xsd

- javaee_web_services_client_1_4.xsd

- jsp_2_3.xsd

- web-app_3_1.xsd

- web-common_3_1.xsd

- web-fragment_3_1.xsd

- javaee_8.xsd

- web-app_4_0.xsd

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 org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

 org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

 org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

 javax.servlet:javax.servlet-api

 javax.annotation:javax.annotation-api

 javax.transaction:javax.transaction-api

 javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

http://openjdk.java.net/legal/gplv2+ce.html

OW2

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org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

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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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by

Unix systems for simple password protection. Copyright 1996 Aki Yoshida,

modified April 2001 by Iris Van den Broeke, Daniel Deville.

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4.2.21 connexion 2.7.0

Connexion

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Requests

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4.2.22 jackson-jaxrs-json-provider 2.11.2

jackson-jaxrs-json-provider

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TOP LEVEL SUBCOMPONENTS

spring-security-core-5.3.4.RELEASE.jar

spring-security-ldap-5.3.4.RELEASE.jar

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4.2.24 spring-cloud-stream 3.0.8.RELEASE

Top Level Component : Spring-Cloud-Stream 3.0.8

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* Brian Langel

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Here are people who have contributed to the development of Jackson JSON processor

JDK8 datatype component, version 2.x

(version numbers in brackets indicate release in which the problem was fixed)

Tatu Saloranta (tatu.saloranta@iki.fi): author Henning Schmiedehausen (hgschmie@github)

* Reported #11: Add `configureAbsentsAsNulls` config setting, for better compatibility

 with Guava module (2.6.0)

Jerome Loisel (jloisel@github)

* Reported #14: Missing `@type` when serializing Optional (2.6.2)

Peter Royal (osi@github)

* Reported #20: fails to serialize empty Optional with @JsonUnwrapped annotation (2.6.4)

* Reported #25: OptionalDoubleSerializer does not override acceptJsonFormatVisitor (2.6.4)

* Reported, contributed fix fo #26: `@JsonUnwrapped` on Optional value does not propagate prefix to schema (2.6.4)

Nick Cronin (Quintok@github)

* Reported #21: Manifest file missing OSGi import for `com.fasterxml.jackson.databind.introspect` (2.6.4)

James Lorenzen (jlorenzen@github)

* Requested #18: Allow use of `@JsonInclude(content=Include.NON_EMPTY)` with `Optional<>` (2.7.0)

==========
==========

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- jsp_2_2.xsd

- web-app_3_0.xsd

- web-common_3_0.xsd

- web-fragment_3_0.xsd

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4.2.27 log4j-over-slf4j 1.7.30

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4.2.28 OpenNLP-tools 1.9.3

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4.2.30 jackson-dataformat-xml 2.11.2

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4.2.32 netty-codec-http 4.1.52.Final

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4.2.33 netty-transport-native-epoll 4.1.52.Final

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4.2.34 Spring Cloud Sleuth 2.2.5.RELEASE

Top Level Component : Spring-Cloud-Sleuth 2.2.5

Top Level Sub-Components:

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1. spring-cloud-starter-sleuth-2.2.5.RELEASE.jar
2. spring-cloud-sleuth-core-2.2.5.RELEASE.jar
3. spring-cloud-sleuth-zipkin-2.2.5.RELEASE.jar
4. spring-cloud-starter-zipkin-2.2.5.RELEASE.jar

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4.2.35 ZooKeeper 3.6.2

Apache ZooKeeper

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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

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It is currently developed by a community of developers, as well as supported

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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.

==========

4th Party Component #8: jetty

1. jetty-http.jar
2. jetty.jar
3. jetty-security.jar
4. jetty-server.jar
5. jetty-servlet.jar
6. jetty-util.jar

==========

Jetty Web Container

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Eclipse

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org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from

following Apache Tomcat jars, all ASL2 licensed.

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

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by

Unix systems for simple password protection. Copyright 1996 Aki Yoshida,

modified April 2001 by Iris Van den Broeke, Daniel Deville.

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==========

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1. netty-buffer.jar

2. netty-codec.jar

3. netty-common.jar

4. netty-handler.jar

5. netty-resolver.jar

6. netty-transport.jar

7. netty-transport-native-epoll.jar

8. netty-transport-native-unix-common.jar

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4.2.36 swagger-parser 2.0.22

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4.2.37 jackson-dataformat-cbor 2.11.2

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4.2.38 camel-core 3.5.0

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4.2.39 spring-cloud-config-client 2.2.5.RELEASE

Top Level Component : spring-cloud-config-client

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4.2.40 spring-cloud-config-server 2.2.5.RELEASE

Top Level Component : spring-cloud-config-server

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Other developers who have contributed code are:

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Here are people who have contributed to the development of Jackson JSON processor JDK8 datatype component, version 2.x (version numbers in brackets indicate release in which the problem was fixed)

Tatu Saloranta (tatu.saloranta@iki.fi): author

Henning Schmiedehausen (hgschmie@github)

* Reported #11: Add `configureAbsentsAsNulls` config setting, for better compatibility with Guava module (2.6.0)

Jerome Loisel (jloisel@github)

* Reported #14: Missing `@type` when serializing Optional (2.6.2)

Peter Royal (osi@github)

* Reported #20: fails to serialize empty Optional with @JsonUnwrapped annotation (2.6.4)

* Reported #25: OptionalDoubleSerializer does not override acceptJsonFormatVisitor (2.6.4)

* Reported, contributed fix fo #26: `@JsonUnwrapped` on Optional value does not propagate prefix to schema (2.6.4)

Nick Cronin (Quintok@github)

* Reported #21: Manifest file missing OSGi import for `com.fasterxml.jackson.databind.introspect`

(2.6.4)

James Lorenzen (jlorenzen@github)

* Requested #18: Allow use of `@JsonInclude(content=Include.NON_EMPTY)` with `Optional<>`

(2.7.0)

==========

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- javaee_6.xsd

- javaee_web_services_1_3.xsd

- javaee_web_services_client_1_3.xsd

- jsp_2_2.xsd

- web-app_3_0.xsd

- web-common_3_0.xsd

- web-fragment_3_0.xsd

- javaee_7.xsd

- javaee_web_services_1_4.xsd

- javaee_web_services_client_1_4.xsd

- jsp_2_3.xsd

- web-app_3_1.xsd

- web-common_3_1.xsd

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- jsp_2_2.xsd

- web-app_3_0.xsd

- web-common_3_0.xsd

- web-fragment_3_0.xsd

- javaee_7.xsd

- javaee_web_services_1_4.xsd

- javaee_web_services_client_1_4.xsd

- jsp_2_3.xsd

- web-app_3_1.xsd

- web-common_3_1.xsd

- web-fragment_3_1.xsd

- javaee_8.xsd

- web-app_4_0.xsd

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4.2.41 spring-cloud-starter-config 2.2.5.RELEASE

Top Level Component : spring-cloud-starter-config

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4.2.42 spring-cloud-netflix-core 2.2.5.RELEASE

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4.2.43 spring-cloud-starter-netflix-eureka-server 2.2.5.RELEASE

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Other developers who have contributed code are:

Brian Langel

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src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java

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JDK8 datatype component, version 2.x

(version numbers in brackets indicate release in which the problem was fixed)

Tatu Saloranta (tatu.saloranta@iki.fi): author

Henning Schmiedehausen (hgschmie@github)

* Reported #11: Add `configureAbsentsAsNulls` config setting, for better compatibility

 with Guava module

 (2.6.0)

Jerome Loisel (jloisel@github)

* Reported #14: Missing `@type` when serializing Optional

 (2.6.2)

Peter Royal (osi@github)

* Reported #20: fails to serialize empty Optional with @JsonUnwrapped annotation

 (2.6.4)

* Reported #25: OptionalDoubleSerializer does not override acceptJsonFormatVisitor

 (2.6.4)

* Reported, contributed fix fo #26: `@JsonUnwrapped` on Optional value does not

 propagate prefix to schema

 (2.6.4)

Nick Cronin (Quintok@github)

* Reported #21: Manifest file missing OSGi import for `com.fasterxml.jackson.databind.introspect`

 (2.6.4)

James Lorenzen (jlorenzen@github)

* Requested #18: Allow use of `@JsonInclude(content=Include.NON_EMPTY)` with `Optional<>`

 (2.7.0)

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@version 1.0

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- javaee_web_services_1_3.xsd

- javaee_web_services_client_1_3.xsd

- jsp_2_2.xsd

- web-app_3_0.xsd

- web-common_3_0.xsd

- web-fragment_3_0.xsd

- javaee_7.xsd

- javaee_web_services_1_4.xsd

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- jsp_2_3.xsd

- web-app_3_1.xsd

- web-common_3_1.xsd

- web-fragment_3_1.xsd

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- javaee_web_services_1_4.xsd

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- jsp_2_3.xsd

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4.2.44 spring-cloud-starter-netflix-eureka-client 2.2.5.RELEASE

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Other developers who have contributed code are:

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4.2.45 spring-cloud-starter-netflix-zuul 2.2.5.RELEASE

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Andy Clement initial implementation

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src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java

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JDK8 datatype component, version 2.x

(version numbers in brackets indicate release in which the problem was fixed)

Tatu Saloranta (tatu.saloranta@iki.fi): author

Henning Schmiedehausen (hgschmie@github)

* Reported #11: Add `configureAbsentsAsNulls` config setting, for better compatibility

with Guava module

(2.6.0)

Jerome Loisel (jloisel@github)

* Reported #14: Missing `@type` when serializing Optional

(2.6.2)

Peter Royal (osi@github)

* Reported #20: fails to serialize empty Optional with @JsonUnwrapped annotation

(2.6.4)

* Reported #25: OptionalDoubleSerializer does not override acceptJsonFormatVisitor

(2.6.4)

* Reported, contributed fix fo #26: `@JsonUnwrapped` on Optional value does not

propagate prefix to schema

(2.6.4)

Nick Cronin (Quintok@github)

* Reported #21: Manifest file missing OSGi import for `com.fasterxml.jackson.databind.introspect`

(2.6.4)

James Lorenzen (jlorenzen@github)

* Requested #18: Allow use of `@JsonInclude(content=Include.NON_EMPTY)` with `Optional<>`

(2.7.0)

==========

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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

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It is currently developed by a community of developers, as well as supported

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4th Party Component #29 jakarta-annotation-api

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For portions of the Tomcat cloud support

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The original XML Schemas for Java EE Deployment Descriptors:

- javaee_5.xsd

- javaee_web_services_1_2.xsd

- javaee_web_services_client_1_2.xsd

- javaee_6.xsd

- javaee_web_services_1_3.xsd

- javaee_web_services_client_1_3.xsd

- jsp_2_2.xsd

- web-app_3_0.xsd

- web-common_3_0.xsd

- web-fragment_3_0.xsd

- javaee_7.xsd

- javaee_web_services_1_4.xsd

- javaee_web_services_client_1_4.xsd

- jsp_2_3.xsd

- web-app_3_1.xsd

- web-common_3_1.xsd

- web-fragment_3_1.xsd

- javaee_8.xsd

- web-app_4_0.xsd

- web-common_4_0.xsd

- web-fragment_4_0.xsd

may be obtained from:

http://www.oracle.com/webfolder/technetwork/jsc/xml/ns/javaee/index.html

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and from finagle-native developed at Twitter

(https://github.com/twitter/finagle).

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The Windows Installer is built with the Nullsoft

Scriptable Install System (NSIS), which is

open source software. The original software and

related information is available at

http://nsis.sourceforge.net.

Java compilation software for JSP pages is provided by the Eclipse

JDT Core Batch Compiler component, which is open source software.

The original software and related information is available at

https://www.eclipse.org/jdt/core/.

org.apache.tomcat.util.json.JSONParser.jj is a public domain javacc grammar

for JSON written by Robert Fischer.

https://github.com/RobertFischer/json-parser

For portions of the Tomcat JNI OpenSSL API and the OpenSSL JSSE integration

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- javaee_web_services_client_1_2.xsd

- javaee_6.xsd

- javaee_web_services_1_3.xsd

- javaee_web_services_client_1_3.xsd

- jsp_2_2.xsd

- web-app_3_0.xsd

- web-common_3_0.xsd

- web-fragment_3_0.xsd

- javaee_7.xsd

- javaee_web_services_1_4.xsd

- javaee_web_services_client_1_4.xsd

- jsp_2_3.xsd

- web-app_3_1.xsd

- web-common_3_1.xsd

- web-fragment_3_1.xsd

- javaee_8.xsd

- web-app_4_0.xsd

- web-common_4_0.xsd

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4.2.46 spring-cloud-netflix-eureka-client 2.2.5.RELEASE

Top Level Component : spring-cloud-netflix-eureka-client

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4th Party Component #1 aspectjweaver

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4.2.47 camel-cxf 3.5.0

Top Level Component : camel-cxf-3.5.0

Top Level SubComponent/Modules:

(camel-api-3.5.0.jar,camel-attachments-3.5.0.jar,camel-base-3.5.0.jar,camel-bean-3.5.0.jar,camel-core-catalog-3.5.0.jar,camel-core-engine-3.5.0.jar,camel-core-languages-3.5.0.jar,camel-core-xml-3.5.0.jar,camel-cxf-transport-3.5.0.jar,camel-health-3.5.0.jar,camel-http-base-3.5.0.jar,camel-main-3.5.0.jar,camel-management-api-3.5.0.jar,camel-spring-3.5.0.jar,camel-support-3.5.0.jar,camel-tooling-model-3.5.0.jar,camel-util-3.5.0.jar,camel-util-json-3.5.0.jar,camel-xml-jaxb-3.5.0.jar,camel-xml-jaxp-3.5.0.jar)

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4.2.48 camel-resilience4j 3.5.0

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4.2.50 spring-cloud-netflix-eureka-server 2.2.5.RELEASE

Top Level Component : Spring-Cloud-Netflix-Eureka-Server

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JDK8 datatype component, version 2.x

(version numbers in brackets indicate release in which the problem was fixed)

Tatu Saloranta (tatu.saloranta@iki.fi): author

Henning Schmiedehausen (hgschmie@github)

* Reported #11: Add `configureAbsentsAsNulls` config setting, for better compatibility

with Guava module

(2.6.0)

Jerome Loisel (jloisel@github)

* Reported #14: Missing `@type` when serializing Optional

(2.6.2)

Peter Royal (osi@github)

* Reported #20: fails to serialize empty Optional with @JsonUnwrapped annotation

(2.6.4)

* Reported #25: OptionalDoubleSerializer does not override acceptJsonFormatVisitor

(2.6.4)

* Reported, contributed fix fo #26: `@JsonUnwrapped` on Optional value does not

propagate prefix to schema

(2.6.4)

Nick Cronin (Quintok@github)

* Reported #21: Manifest file missing OSGi import for `com.fasterxml.jackson.databind.introspect`

(2.6.4)

James Lorenzen (jlorenzen@github)

* Requested #18: Allow use of `@JsonInclude(content=Include.NON_EMPTY)` with `Optional<>`

(2.7.0)

==========

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4.2.52 velocity-tools-generic 3.0-422ed61

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4.2.53 Tesseract 4.1.1

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Fourth party dependency: Leptonica

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4.2.54 swagger-ui 3.39.0

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4.2.55 mapstruct 1.4.2.Final

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freemarker/ext/jsp/web-jsptaglibrary_1_1.dtd

freemarker/ext/jsp/web-jsptaglibrary_1_2.dtd

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4.2.56 micrometer-registry-prometheus 1.6.4

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4.3.1 Node-TimSort 0.3.0

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4.3.2 Moment.js 2.24.0

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4.3.3 Knockout.js 3.5.0

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4.3.4 Simple Logging Facade for Java (SLF4J) 1.7.30

jcl-over-slf4j

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4.3.5 jsoup 1.13.1

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4.3.6 jQuery 3.5.1

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4.3.11 pdf2image 1.14.0

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4.3.12 python-magic 0.4.18

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4.3.13 pyap 0.3.1

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4.4 Others

4.4.1 pybase64 1.0.1

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4.4.3 dateparser 0.7.6

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4.4.5 EclipseLink 2.7.7

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Top Level Sub-Components:

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4.4.8 JSZip 3.2.1

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4th party dependencies (as mentioned in https://github.com/Stuk/jszip/blob/master/package.json)

Pako 1.0.2

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lie 3.3.0

https://github.com/calvinmetcalf/lie/releases/tag/v3.3.0

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readable-stream 2.3.6

https://github.com/nodejs/readable-stream/releases/tag/v2.3.6

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set-immediate-shim 1.0.1

https://github.com/sindresorhus/set-immediate-shim/releases/tag/v1.0.1

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Module Name: immediate

Version: 3.0.6

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core-util-is@1.0.2

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inherits@2.0.4

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isarray@1.0.0

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process-nextick-args@2.0.1

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safe-buffer@5.1.2

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string_decoder@1.1.1

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util-deprecate@1.0.2

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4.4.9 py4j 0.10.9

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4.4.10 six 1.15.0

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4.4.11 NumPy 1.19.0

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4.4.12 JSON 20200518

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Glenn Randers-Pehrson

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

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--- end of FTL.TXT ---

##

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****

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

##
###############

--- src/gzip/zlib.h ---

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

version 1.1.4, March 11th, 2002

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

--- end of src/gzip/zlib.h ---

##
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4.4.14 Lombok 1.18.16

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the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.

Coded by Takuji Nishimura and Makoto Matsumoto.

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http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html

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Sockets

The :mod:`socket` module uses the functions, :func:`getaddrinfo`, and

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion

between ascii and binary. This results in a 1000-fold speedup. The C

version is still 5 times faster, though.

- Arguments more compliant with Python standard

XML Remote Procedure Calls

The :mod:`xmlrpc.client` module contains the following notice::

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Select kqueue

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SipHash24

The file :file:`Python/pyhash.c` contains Marek Majkowski' implementation of

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Original location:

https://github.com/majek/csiphash/

Solution inspired by code from:

Samuel Neves (supercop/crypto_auth/siphash24/little)

djb (supercop/crypto_auth/siphash24/little2)

Jean-Philippe Aumasson (https://131002.net/siphash/siphash24.c)

strtod and dtoa

The file :file:`Python/dtoa.c`, which supplies C functions dtoa and

strtod for conversion of C doubles to and from strings, is derived

from the file of the same name by David M. Gay, currently available

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Jean-loup Gailly Mark Adler

jloup@gzip.org madler@alumni.caltech.edu

cfuhash

The implementation of the hash table used by the :mod:`tracemalloc` is based

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4.4.16 scikit-image 0.17.2

Top Level Component : scikit-image 0.17.2

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skimage/_shared/version_requirements.py:_check_version

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4.4.17 SciPy 1.5.3

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Arlington, MA

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Name: ampgo

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Functions for testing global optimizers, forked from the AMPGO project,

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