

Licensing Guide – License Subscription
Oracle Banking Electronic Data Exchange for Corporates
Release 14.6.0.0.0

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May 2022

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May 2022

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1. Preface

1.1 Introduction

This guide helps you understand the guiding rules for Oracle Banking Electronic Data Exchange for Corporates License Subscription licensing, the components included in the license and the units that are separately licensed.

This guide also provides information on the third-party software that is packaged with Oracle Banking Electronic Data Exchange for Corporates License Subscription.

1.2 Audience

This guide 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	<i>Oracle Banking Electronic Data Exchange for Corporates License Subscription Licensing</i> provides information on <i>Oracle Banking Electronic Data Exchange for Corporates License Subscription</i> licensing.
Chapter 3	<i>Software Pre-requisites</i> consists of the technology pre-requisites required for <i>Oracle Banking Electronic Data Exchange for Corporates License Subscription</i> .
Chapter 4	<i>Third Party Licenses</i> provides information on licensing of third-party software that are packaged with <i>Oracle Banking Electronic Data Exchange for Corporates License Subscription</i> .

1.5 Related Documents

For more information, refer to the following documents:

- Oracle Banking Electronic Data Exchange for Corporates Installation Guides
- Oracle Banking Electronic Data Exchange for Corporates User Guide

2. Oracle Banking Electronic Data Exchange for Corporates License Subscription Licensing

2.1 Introduction

This chapter provides information on Oracle Banking Electronic Data Exchange for Corporates License Subscription licensing. It contains the following sections:

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

2.2 General Licensing Rules

Not applicable to Oracle Banking Electronic Data Exchange for Corporates License Subscription.

2.3 Components Included in License

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2.4 Separately Licensed Pre-requisite Products and Licensing Metric

Please refer section 3.1 for the list of softwares required for Oracle Banking Electronic Data Exchange for Corporates License Subscription.

Module Description	Separately Licensed Prerequisites	Licensing Metric(s)
Oracle Banking Electronic Data Exchange for Corporates License Subscription	Oracle Database Enterprise Edition, Oracle WebLogic Server, Oracle HTTP Server	10K Transactions

2.5 Restricted Use License

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3. Software Prerequisites

3.1 Tech Stack

Following are the separately licensable software prerequisites for Oracle Banking Electronic Data Exchange for Corporates Product.

Component	Machine	Operating System	Software	Version Number
Oracle Banking Electronic Data Exchange for Corporates	Application Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	14.1.1.0.0 + Patch 32077936**
			Java HotSpot (TM) JDK (with WebLogic Application Server)	Oracle JDK 8 Update 321 & JDK 11.0.14
	Database Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle Database 19c Enterprise Edition Release	19.14.0.0.0
	Message Broker	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Apache Kafka	2.13-2.8.1
			Apache Zookeeper	3.6.2
	Client machines browser support is strictly tied to the browser itself and no longer based on the Operating System. Current release is certified on client workstations with Windows 10 and Mac	Mozilla Firefox	Mozilla Firefox Release (87+)	
		Google Chrome	Google Chrome Release (Version 88+)	
		Microsoft Edge	Microsoft Edge (89+)	
		Apple Safari	Apple Safari (14+)	

**** : Patch 32077936** - JSF APPLICATION RESPONSE ISSUE FOR HTTPS PROTOCOL WHEN HTTP2 IS ENABLED needs to be applied to WebLogic 14.1.1.0.0

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 Electronic Data Exchange for Corporates 14.6.0.0.0 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”

- OpenNLP-tools 1.9.3
- flyway-core 6.5.5
- jackson-jaxrs-json-provider 2.11.2
- jjwt 0.11.2
- swagger-annotations 1.6.2
- modelmapper 2.3.8
- HikariCP 3.4.5
- spring-cloud-stream-binder-kafka 3.0.8.RELEASE
- Spring Boot 2.3.3.RELEASE
- spring-cloud-stream 3.0.8.RELEASE
- log4j-over-slf4j 1.7.30
- Apache FOP 2.5
- Spring Cloud Sleuth 2.2.5.RELEASE
- ZooKeeper 3.6.2
- JsonPath 2.4.0-1ed1ea0
- swagger-parser 2.0.22
- 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-zuul 2.2.5.RELEASE
- spring-cloud-netflix-eureka-client 2.2.5.RELEASE
- spring-cloud-starter-netflix-eureka-client 2.2.5.RELEASE
- importlib-metadata 4.11.2
- camel-cxf 3.5.0
- camel-resilience4j 3.5.0
- spring-cloud-starter-netflix-eureka-server 2.2.5.RELEASE
- spring-cloud-netflix-eureka-server 2.2.5.RELEASE
- swagger-ui 3.39.0
- mapstruct 1.4.2.Final
- Tesseract 4.1.1
- micrometer-registry-prometheus 1.6.4
- PDFBox 2.0.24
- HttpComponents HttpClient 4.5.13
- cglib 3.3.0
- math.js 5.9.0
- Commons FileUpload 1.4
- jackson-dataformat-xml 2.13.1
- jslt 0.1.11
- netty-transport-native-epoll 4.1.72.Final
- netty-codec-http 4.1.72.Final
- jcl-over-slf4j 1.7.36
- pytesseract 0.3.9
- Avro for Java 1.11.0
- spring-security-oauth2 2.5.1
- tika-core 1.28.1
- spring-security-saml2-service-provider 5.5.1
- Conductor 3.5.2
- shedlock-provider-jdbc-template 4.30.0
- Guava 30.0
- Commons CSV 1.9.0
- velocity-engine-core 2.3
- velocity-tools-generic 3.1
- spring-security-config 5.5.1

- GSON 2.9.0
- connexion 2.12.0
- shedlock-spring 4.30.0
- POI 5.2.0
- Kafka 2.8.1
- spring-security-core 5.5.1
- Ant 1.10.12
- spring-security-web 5.5.1
- XMLBeans 5.0.3
- ant-launcher 1.10.12
- spring-security-ldap 5.5.1
- spring-security-crypto 5.5.1
- jackson-dataformat-cbor 2.13.1
- tess4j 4.5.4
- sshd-core 2.8.0
- sshd-common 2.8.0
- sshd-sftp 2.8.0

4.1.2 **The MIT License**

The below library includes software developed by jsoup.org

- jul-to-slf4j 1.7.30
- Node-TimSort 0.3.0
- Knockout.js 3.5.0
- opencv-python 4.3.0.36
- JSON 20200518
- jQuery 3.5.1
- datefinder 0.7.1
- Pillow 9.0.1
- Lombok 1.18.16
- pyap 0.3.1
- lodash 4.17.21
- configparser 5.2.0
- python-magic 0.4.25
- pdf2image 1.16.0
- six 1.16.0

- jsoup 1.14.3
- bignumber.js 9.0.2
- Moment.js 2.29.2

4.1.3 **Others**

- Numpy 1.22.2
- Pandas 1.4.1
- dateparser 1.1.0
- scikit-learn 1.0.2
- Flask 2.0.3
- Xstream 1.4.18
- pybase64 1.2.1
- Jakarta Mail 2.0.1
- Saxon-HE 10.5
- EclipseLink 2.7.7
- python-dateutil 2.8.2
- JSZip 3.2.1
- Python 3.9.5
- JavaScript Extension Toolkit (JET) 9.1.0

4.2 **Apache License 2.0**

4.2.1 **OpenNLP-tools 1.9.3**

Top Level Component : opennlp-tools-1.9.3

Top Level Component License : Apache License 2.0

Apache License

Version 2.0, January 2004

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=====

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The snowball stemmers in `opennlp-tools/src/main/java/opennlp/tools/stemmer/snowball` were developed by Martin Porter and Richard Boulton.

The full snowball package is available from <http://snowball.tartarus.org/>

4.2.2 **flyway-core 6.5.5**

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4.2.3 **jackson-jaxrs-json-provider 2.11.2**

jackson-jaxrs-json-provider

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NOTICE file text:

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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Jackson core and extension components may be licensed under different licenses.

To find the details that apply to this artifact see the accompanying LICENSE file. For more information, including possible other licensing options, contact

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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.

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4.2.4 **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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4.2.5 swagger-annotations 1.6.2

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Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

Brian Langel

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Other developers who have contributed code are:

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Jackson JSON processor

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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 for #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 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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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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- 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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Eclipse

The following artifacts are EPL.

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

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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4.2.10 Spring-cloud-stream 3.0.8.RELEASE

Top Level Component : Spring-Cloud-Stream 3.0.8

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Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

* Brian Langel

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Jackson JSON processor

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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_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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(<https://netty.io>, <https://github.com/netty/netty-tcnative/>)

and from finagle-native developed at Twitter

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

This software contains code derived from jgroups-kubernetes
developed by the JGroups project (<http://www.jgroups.org/>).

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

The org.apache.tomcat.jni and the org.apache.tomcat.net.openssl packages
are derivative work originating from the Netty project and the finagle-native
project developed at Twitter

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For portions of the Tomcat cloud support

The org.apache.catalina.tribes.membership.cloud package contains derivative
work originating from the jgroups project.

<https://github.com/jgroups-extras/jgroups-kubernetes>

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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:

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4.2.11 **log4j-over-slf4j 1.7.30**

Top Level Component : log4j-over-slf4j-1.7.30.jar

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4.2.12 Apache FOP 2.5

Top Level Component : xmlgraphics-fop 2.5

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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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4.2.13 Spring Cloud Sleuth 2.2.5.RELEASE

Top Level Component : Spring-Cloud-Sleuth 2.2.5

Top Level Sub-Components:

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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4.2.14 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 commercially by FasterXML.com.

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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

=====

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Eclipse

The following artifacts are EPL.

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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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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4.2.16 swagger-parser 2.0.22

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2. swagger-parser-core-2.0.22.jar
3. swagger-parser-v2-converter-2.0.22.jar
4. swagger-parser-v3-2.0.22.jar

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4.2.17 camel-core 3.5.0

Top Level Component : camel-core-3.5.0

Top Level Sub-Component/Modules :

(camel-api-3.5.0.jar, camel-base-3.5.0.jar, camel-bean-3.5.0.jar, camel-browse-3.5.0.jar, camel-caffeine-lrucache-3.5.0.jar, camel-cluster-3.5.0.jar, camel-controlbus-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-dataformat-3.5.0.jar, camel-dataset-3.5.0.jar, camel-direct-3.5.0.jar, camel-directvm-3.5.0.jar, camel-file-3.5.0.jar, camel-health-3.5.0.jar, camel-language-3.5.0.jar, camel-log-3.5.0.jar, camel-management-api-3.5.0.jar, camel-mock-3.5.0.jar, camel-ref-3.5.0.jar, camel-rest-3.5.0.jar, camel-saga-3.5.0.jar, camel-scheduler-3.5.0.jar, camel-seda-3.5.0.jar, camel-stub-3.5.0.jar, camel-support-3.5.0.jar, camel-timer-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-validator-3.5.0.jar, camel-vm-3.5.0.jar, camel-xml-jaxb-3.5.0.jar, camel-xml-jaxp-3.5.0.jar, camel-xpath-3.5.0.jar, camel-xslt-3.5.0.jar)

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4.2.18 spring-cloud-config-client 2.2.5.RELEASE

Top Level Component : spring-cloud-config-client

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4.2.19 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:

* 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 for #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_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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- javaee_web_services_client_1_3.xsd
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- 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

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4.2.20 spring-cloud-starter-config 2.2.5.RELEASE

Top Level Component : spring-cloud-starter-config

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4.2.21 spring-cloud-netflix-core 2.2.5.RELEASE

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4th Party Component #1 aspectjweaver

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4th Party Component #2 jakarta-annotation-api

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

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

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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 for #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_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
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- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
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- 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
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4.2.23 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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4th Party Component #3 jul-to-slf4j

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

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4.2.26 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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4.2.28 spring-cloud-starter-netflix-eureka-server 2.2.5.RELEASE

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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 for #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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/**

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- web-app_3_0.xsd
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- web-fragment_3_0.xsd
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- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
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4.2.29 spring-cloud-netflix-eureka-server 2.2.5.RELEASE

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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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/**

This interface declares a simple filter interface that one can

create to filter XMLEventReaders

@version 1.0

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- 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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- `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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4.2.31 **mapstruct 1.4.2.Final**

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4.2.32 Tesseract 4.1.1

Tesseract 4.1.1

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4.2.37 math.js 5.9.0

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4.2.39 jackson-dataformat-xml 2.13.1

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4.2.40 jslt 0.1.11

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4.2.41 netty-transport-native-epoll 4.1.72.Final

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4.2.45 Avro for Java 1.11.0

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4.2.46 spring-security-oauth2 2.5.1

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4.2.47 tika-core 1.28.1

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Sample DXF file testDXF.dxf (in tika-parsers/src/test/resources/test-documents)

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#### **4.2.48 spring-security-saml2-service-provider 5.5.1**

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jackson-jq/src/test/resources

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jackson-jq/src/test/resources/jq-test-all-ng.json

jackson-jq/src/test/resources/jq-test-all-ok.json

jackson-jq/src/test/resources/jq-test-official-ng.json

jackson-jq/src/test/resources/jq-test-official-ok.json

jackson-jq/src/test/resources/compiler-test-ok.txt

jackson-jq/src/test/resources/compiler-test-ng.txt

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

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#### **4.2.53 velocity-engine-core 2.3**

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#### **4.2.57 connexion 2.12.0**

Top Level Component Name

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5P dependency Name3: idna

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5P dependency Name4: urllib3

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4P dependency Name8: werkzeug

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4P dependency Name9: chardet

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4P dependency Name10: Jinja2

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4P dependency Name12: setuptools

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4P dependency Name13: six

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**4.2.58 shedlock-spring 4.30.0**

Top Level Component : shedlock-spring

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CurvesAPI Curve API

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#### **4.2.60 Kafka 2.8.1**

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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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Tatu Saloranta

Providing benchmark suite

Alec Wysoker

## Performance and memory usage improvement

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#### **4.2.61 spring-security-core 5.5.1**

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#### **4.2.63 spring-security-web 5.5.1**

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#### **4.2.64 XMLBeans 5.0.3**

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2000-05-05

#### **4.2.66 spring-security-ldap 5.5.1**

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**4.2.70 sshd-core 2.8.0**

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#### **4.2.71 sshd-common 2.8.0**

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**4.2.72 sshd-sftp 2.8.0**

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#### **4.3.17 bignumber.js 9.0.2**

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#### **4.3.18 Moment.js 2.29.2**

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Name: dragon4

Files: numpy/core/src/multiarray/dragon4.c

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Name: dragon4

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pytz

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six

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python-dateutil

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4P dependency Name4: six

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Top level Component: scikit-learn

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4P dependency Name1: numpy

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Name: ampgo

Files: benchmarks/benchmarks/go\_benchmark\_functions/\*.py

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Dependency:

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com.sun.activation » jakarta.activation 2.0.1

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#### 4.4.9 **Saxon-HE 10.5**

Top Level Component Name: Saxon-HE

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Top Level Sub-Components:

eclipselink

org.eclipse.persistence.jpa

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Pako 1.0.2

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lie 3.3.0

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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

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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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The :mod:`\_random` module includes code based on a download from

<http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html>. The following are

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.

Before using, initialize the state by using `init_genrand(seed)` or `init_by_array(init_key, key_length)`.

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

email: m-mat @ math.sci.hiroshima-u.ac.jp (remove space)

Sockets

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The :mod:`socket` module uses the functions, :func:`getaddrinfo`, and :func:`getnameinfo`, which are coded in separate source files from the WIDE

Project, <http://www.wide.ad.jp/>. ::

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#### Asynchronous socket services

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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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test\_epoll

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Select kqueue

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SipHash24

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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

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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 from <http://www.netlib.org/fp/>. The original file, as retrieved on March 16, 2009, contains the following copyright and licensing

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

cfuhash

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

on the cfuhash project::

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libmpdec

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The :mod:`decimal` module is built using an included copy of the libmpdec library unless the build is configured ``--with-system-libmpdec``:

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W3C C14N test suite

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The C14N 2.0 test suite in the :mod:`test` package (``Lib/test/xmltestdata/c14n-20/``) was retrieved from the W3C website at <https://www.w3.org/TR/xml-c14n2-testcases/> and is distributed under the

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Lib/logging/\_\_init\_\_.py

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Lib/multiprocessing/\_\_init\_\_.py

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Lib/optparse.py

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Lib/tarfile.py

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Modules/\_localemodule.c

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Python/getopt.c

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Tools/pynche/X/xlicense.txt

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install-sh

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Include/dynamic\_annotations.h

Python/dynamic\_annotations.c

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Modules/\_blake2

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BLAKE2 reference source code package - optimized C implementations

Written in 2012 by Samuel Neves

Written in 2013 by Dmitry Chestnykh

Modified for CPython by Christian Heimes

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#### **4.4.14 JavaScript Extension Toolkit (JET) 9.1.0**

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