

License Guide – License Subscription
Oracle Banking Origination
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License Guide – License Subscription

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- Partners

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This manual is organized into following chapters:

Chapter	Description
Chapter 1	<i>Preface</i> gives information on the intended audience. It also lists the various chapters covered in this license guide.
Chapter 2	<i>Oracle Banking Origination License Subscription Licensing</i> provides information about Oracle Banking Origination License Subscription licensing.
Chapter 3	<i>Environment Details</i> consists of the technology pre-requisites required for Oracle Banking Origination License Subscription.
Chapter 4	<i>Third Party Licenses</i> provides information on licensing of third party software that are packaged with Oracle Banking Origination.

1.5 Related Documents

For more information, refer to the following documents:

- Oracle FLEXCUBE Onboarding User Guides

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- General Licensing Rules
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- Separately Licensed Pre-requisite Products and Licensing Metric
- Restricted Use License

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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 Origination for Accounts License Subscription	Oracle Database Enterprise Edition, Oracle WebLogic Server, Oracle HTTP Server	1K Bank Account Applications
Oracle Banking Origination for Retail Loans License Subscription	Oracle Database Enterprise Edition, Oracle WebLogic Server, Oracle HTTP Server	1K Bank Account Applications
Oracle Banking Origination for Deposits License Subscription	Oracle Database Enterprise Edition, Oracle WebLogic Server, Oracle HTTP Server	1K Bank Account Applications
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3. Environment Details

Following are the separately licensable software prerequisites for Oracle Banking Origination Product.

3.1 Tech Stack – Oracle Banking Origination

Component	Machine	Operating System	Software	Version Number
Oracle Banking Origination	Application Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle Fusion Middleware Infrastructure	12.2.1.4.0
			Java HotSpot(TM) JDK (with WebLogic Application Server)	1.8 Update 281
			Oracle WebLogic	12.2.1.4.0
	Document Management System	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic	12.2.1.4.0
			JDK	1.8 Update 281
			Oracle Database (for RCU)	19.10.0.0.0
			Repository Creation Utility	12.2.1.4.0
	Oracle WebCenter Content Imaging	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebCenter Content Imaging	12.2.1.4.0
			Oracle RDBMS Enterprise Edition	19.10.0.0.0
	Database Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	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	12.2.1.4.0
			JDK	1.8 Update 281
			Repository Creation Utility	12.2.1.4.0
			Oracle Database (for RCU)	19.10.0.0.0
			Oracle Analytical Server (Oracle BI Publisher)	5.9.0
	Client Machines For detailed information on Browser Support, please refer to the Oracle Software Web Browser Support Policy at https://www.oracle.com/middleware/technologies/browser-policy.html		Mozilla Firefox	87+
			Google Chrome	88+
			Microsoft Edge	89+

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.

3.2 Module-wise Software Prerequisites

Product Name	Product Version	Requirements
Oracle Fusion Middleware Infrastructure	12.2.1.4.0	Standard requirement.
Java HotSpot(TM) JDK (with WebLogic Application Server)	1.8 Update 281	Standard requirement.
Oracle WebLogic	12.2.1.4.0	Standard requirement.
Repository Creation Utility	12.2.1.4.0	Standard requirement.
Oracle WebCenter Content Imaging	12.2.1.4.0	Standard requirement.
Oracle RDBMS Enterprise Edition	19.10.0.0.0	Standard requirement.
Oracle Analytical Server (Oracle BI Publisher)	5.9.0	Standard requirement.

NOTE: Refer to section [3.1 Tech Stack – Oracle Banking Origination](#) for dependent software details.

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- Python License Version 2

4.2 Apache License 2.0

Pytesseract

Top Level Component Name: pytesseract

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Dependencies for Pillow:

/-----/

libjpeg

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/-----/

zlib

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This file is based on code from bdf.c,v 1.22 2000/03/16 20:08:50

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taken from Mark Leisher's xmbdfed package

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

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Jean-loup Gailly

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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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Spring-Security-Oauth

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Sub-components

- =====
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2. poi-ooxml-schemas-4.1.2.jar
3. poi-scratchpad-4.1.2.jar
4. poi-examples-4.1.2.jar

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spring-cloud-stream-binder-kafka

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=====
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com.google.code.findbugs:jsr305:3.0.2

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Spring Boot

Top Level Component : Spring-Boot 2.3.3

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The primary ANTLR guy:
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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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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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Jackson JSON processor

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The `org.apache.tomcat.jni` and the `org.apache.tomcat.net.openssl` packages

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- javaee_5.xsd
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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_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

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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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cglib

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spring-cloud-stream

Top Level Component : Spring-Cloud-Stream 3.0.8

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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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- `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`
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- `web-common_3_1.xsd`
- `web-fragment_3_1.xsd`
- `javaee_8.xsd`
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- `web-common_4_0.xsd`
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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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- web-fragment_3_0.xsd
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- javaee_web_services_1_4.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
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- javaee_8.xsd
- web-app_4_0.xsd
- web-common_4_0.xsd
- web-fragment_4_0.xsd

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4th Party Component #7: batik-css

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

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

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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
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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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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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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>

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org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

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org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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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

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Top Level Component : jackson-dataformat-cbor 2.11.2

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spring-cloud-config-client

Top Level Component : spring-cloud-config-client

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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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 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\_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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#### 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.

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**camel-cxf**

Top Level Component : camel-cxf-3.5.0

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Top Level SubComponent/Modules:

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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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- 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
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- web-common\_3\_1.xsd
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- web-app\_4\_0.xsd
- web-common\_4\_0.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
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- jsp\_2\_3.xsd
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- web-common\_3\_1.xsd
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`jackson-jq/src/test/resources`

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These files are generated from files in stedolan/jq repository:

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core/src/java/org/apache/lucene/util/compress/LZ4.java is a Java implementation of the LZ4 (<https://github.com/lz4/lz4/tree/dev/lib>) compression format for Lucene's DataInput/DataOutput abstractions.

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`analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,`

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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 Schriedehausen (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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- jsp\_2\_2.xsd
- 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
- web-fragment\_3\_1.xsd
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- web-app\_4\_0.xsd
- web-common\_4\_0.xsd
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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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Requests

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Top Level Component : velocity-tools-generic-3.0-422ed61

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**Tesseract**

Tesseract 4.1.1

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jcl-over-slf4j

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skimage/\_shared/version\_requirements.py:\_check\_version

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readable-stream 2.3.6

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set-immediate-shim 1.0.1

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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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This file is based on code from bdf.c,v 1.22 2000/03/16 20:08:50

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taken from Mark Leisher's xmbdfed package

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\*/

--- 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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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 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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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)`  
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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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Asynchronous socket services

-----  
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-----  
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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

-----  
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test\_epoll

-----

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Select kqueue

-----

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SipHash24

-----

The file `:file:`Python/pyhash.c`` contains Marek Majkowski' implementation of Dan Bernstein's SipHash24 algorithm. It contains the following note::

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Original location:

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

Solution inspired by code from:

Samuel Neves ([supercop/crypto\\_auth/siphash24/little](https://github.com/aleph1/siphash24/little))

djb ([supercop/crypto\\_auth/siphash24/little2](https://github.com/aleph1/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 from <http://www.netlib.org/fp/>. The original file, as retrieved on March 16, 2009, contains the following copyright and licensing notice::

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-----

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----

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Jean-loup Gailly

Mark Adler

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cfuhash

-----

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

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-----

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