

Licensing Guide
Oracle Banking Supply Chain Finance
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1.1 Introduction

This document guides you for understanding the rules of Oracle Banking Supply Chain Finance 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 Supply Chain Finance.

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/us/corporate/accessibility/index.html>.

1.4 Organization

This manual is organized into the 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 Supply Chain Finance Licensing</i> provides information on <i>Oracle Banking Supply Chain Finance</i> licensing.
Chapter 3	<i>Software Pre-requisites</i> consists of the technology pre-requisites required for <i>Oracle Banking Supply Chain Finance</i> .
Chapter 4	<i>Third Party Licenses</i> provides information on licensing of third party software packaged along with <i>Oracle Banking Supply Chain Finance</i> .

1.5 Related Documents

For more information, refer to the following documents:

- Oracle Banking Supply Chain Finance Installation Guides
- Oracle Banking Supply Chain Finance User Guide

2. Oracle Banking Supply Chain Finance Licensing

2.1 Introduction

This chapter provides information on Oracle Banking Supply Chain Finance 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 Supply Chain Finance.

2.3 Components Included in License

Not applicable to Oracle Banking Supply Chain Finance.

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.

For other separately licensable software pre-requisites, refer to the section Software Pre-requisites.

Module Description	Separately Licensed Prerequisites	Licensing Metric(s)
NA	NA	NA

2.5 Restricted Use License

Not applicable to Oracle Banking Supply Chain Finance.

3. Software Prerequisites

3.1 Tech Stack - Oracle

Following are the separately licensable software prerequisites for Oracle Banking Supply Chain Finance Product.

Oracle Banking Supply Chain Finance			
Machine	Operating System	Software	Version Number
Application Server	Oracle Linux Server Release 8.3 (x86 64 Bit)	Java HotSpot (TM) JDK (with WebLogic Application Server)	JDK 1.8 Update 281
		Oracle WebLogic	12.2.1.4.0
		Oracle Repository Creation Utility (RCU)	12.2.1.4.0
		Oracle Fusion Middleware Infrastructure	12.2.1.4.0
Database Server	Oracle Linux Server Release 8.3 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	19.10.0.0.0 (19c)
Document Management System	Oracle Linux Server Release 8.3 (x86 64 Bit)	Oracle WebCenter Content Imaging	12.2.1.4.0
Client Machines#		Mozilla Firefox	87+
		Google Chrome	88+
		Microsoft Edge	89+
		Apple Safari	14+

[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 X.]

4. Third Party Licenses

4.1 Introduction

This chapter provides information on licensing of third party software that are packaged with Oracle Banking Supply Chain Finance. It contains the following sections:

- Apache 2.0
- MIT License
- EDL 1.0
- Others

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4.2.1 cglib

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zlib

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FreeType font driver for BDF fonts

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

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libXdmcp

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TOP LEVEL COMPONENT: spring-security-5.3.4.RELEASE.jar

TOP LEVEL SUBCOMPONENTS

spring-security-core-5.3.4.RELEASE.jar

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4th party dependencies

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com.google.code.findbugs:jsr305:3.0.2

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listenablefuture, v9999.0-empty-to-avoid-conflict-with-guava, Apache 2.0

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failureaccess, v1.0.1, Apache 2.0

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4.2.9 jackson-dataformat-xml

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Sub-components

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1. poi-excelant-4.1.2.jar
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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4P Dependencies
=====

XML Beans 3.1.0

This is used by POI to convert from Java object to XML and back.

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SparseBitSet 1.2

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4.2.14 modelmapper

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4.2.16 spring-cloud-stream-binder-kafka

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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_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
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- web-common_4_0.xsd

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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:javafx.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

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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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4.2.18 spring-cloud-stream

Top Level Component : Spring-Cloud-Stream 3.0.8

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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 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_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
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- javaee_8.xsd
- web-app_4_0.xsd
- web-common_4_0.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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- 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
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- javaee_8.xsd
- web-app_4_0.xsd
- web-common_4_0.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
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- javaee_8.xsd
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4.2.19 log4j-over-slf4j

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

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

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4.2.21 netty-codec-http

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4.2.22 netty-transport-native-epoll

Top Level Component : netty-transport-native-epoll-4.1.52.Final

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4.2.23 **Spring Cloud Sleuth**

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

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

Henning Schiedehausen (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 #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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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javafx.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javafx.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

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

OW2

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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.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

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4th Party Component #18: netty

1. netty-buffer.jar
2. netty-codec.jar
3. netty-common.jar
4. netty-handler.jar
5. netty-resolver.jar
6. netty-transport.jar
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4.2.26 Simple Logging Facade for Java (SLF4J)

jcl-over-slf4j

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4.2.27 jslt

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4.2.29 math.js

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* <https://github.com/eclipse-ee4j/jaxb-api>

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4.2.31 jackson-dataformat-cbor

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4.2.32 spring-cloud-config-client

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4.2.33 spring-cloud-config-server

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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_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
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4.2.34 **spring-cloud-starter-config**

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4th Party Component #1 aspectjweaver

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4th Party Component #2 jakarta-annotation-api

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4th Party Component #7 logback-core
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4.2.36 spring-cloud-star

Top Level Component : spring-cloud-starter-netflix-zuul

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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 Schiedehausen (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_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
- 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
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4.2.37 spring-cloud-netflix-eureka-client

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

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4.2.38 spring-cloud-starter-netflix-eureka-client

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Other developers who have contributed code are:

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4.2.39 camel-core

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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4.2.40 camel-cxf

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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4.2.41 camel-resilience4j

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4.2.42 **python-dateutil**

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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_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

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- 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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* \$Id: MXParser.java,v 1.52 2006/11/09 18:29:37 aslom Exp \$

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4.2.46 importlib-metadata

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4P dependencies:

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4.2.48 spring-cloud-netflix-eureka-server

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

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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_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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- 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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* \$Id: MXPParser.java,v 1.52 2006/11/09 18:29:37 aslom Exp \$

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4.2.49 connexion

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4.2.51 **swagger-ui**

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4.2.52 mapstruct

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4.2.53 Tesseract

Tesseract 4.1.1

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4.2.55 tika-core

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4.2.56 tess4j

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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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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set-immediate-shim 1.0.1
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Module Name: immediate
Version: 3.0.6

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util-deprecate@1.0.2

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4.3.6 **Configparser**

Top Level Component : configparser 5.0.0

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4.3.7 **datefinder**

Top Level Component : datefinder 0.7.1
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4.3.8 Knockout.js

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4.3.10 **pdf2image**

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4.3.11 lodash

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4.3.12 python-magic

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4.4 EDL 1.0

4.4.1 EclipseLink

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Top Level Sub-Components:

eclipselink

org.eclipse.persistence.jpa

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```

```
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=====
4th Party Component #4 org.eclipse.persistence.asm
```



```
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 * https://github.com/soney/jsep
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/*!
 Knockout Fast Foreach v0.6.0 (2016-07-28T11:02:54.197Z)
 By: Brian M Hunt (C) 2015 | License: MIT
 */

/*
 * petit-dom - v0.2.2
 * https://github.com/yelouafi/petit-dom
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* <http://proj4js.org/>

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* <https://github.com/guybedford/require-css>

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/*! Hammer.JS - v2.0.8 - 2016-04-22

* <http://hammerjs.github.io/>

*

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see: http://github.com/requirejs/i18n for details
*/
```

```
/* This component is based on original code from:
jsTree 1.0-rc3 http://jstree.com/
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 */
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```
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 * http://jqueryui.com
 * Includes: core.js, widget.js, mouse.js, position.js, draggable.js, sortable.js
 * Copyright 2015 jQuery Foundation and other contributors; Licensed MIT */
```

```
/*!
 * jQuery JavaScript Library v3.5.1
```

```

* http://jquery.com/
*
* Includes Sizzle.js
* http://sizzlejs.com/
*
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*
* Date: 2014-12-18T15:11Z
*/

/** @license
* JS Signals
* Released under the MIT license
* Author: Miller Medeiros
* Version: 1.0.0 - Build: 268 (2012/11/29 05:48 PM)
*/

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* see: http://github.com/requirejs/text for details
*/

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*/

/*!
* Knockout JavaScript library v3.5.1
* (c) Steven Sanderson - http://knockoutjs.com/
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*/

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Glenn Randers-Pehrson
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zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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```
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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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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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```

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4.5.3 Python

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Mersenne Twister

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

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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UUencode and UUdecode functions

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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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SipHash24

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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/Supercop/crypto_auth/siphash24/little))
djb ([supercop/crypto_auth/siphash24/little2](https://github.com/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 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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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 on the cfuhash project::

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libmpdec

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4.5.4 **scikit-image**

Top Level Component : scikit-image 0.17.2

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skimage/_shared/version_requirements.py:_check_version

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4.5.12 Moment.js

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Name: pypocketfft

Files: scipy/fft/_pocketfft/[pocketfft.h, pypocketfft.cxx]

License: 3-Clause BSD

For details, see `scipy/fft/_pocketfft/LICENSE.md`

Name: `uarray`

Files: `scipy/_lib/uarray/*`

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For details, see `scipy/_lib/uarray/LICENSE`

Name: `ampgo`

Files: `benchmarks/benchmarks/go_benchmark_functions/*.py`

License: MIT

Functions for testing global optimizers, forked from the AMPGO project,
<https://code.google.com/archive/p/ampgo>

Name: `pybind11`

Files: no source files are included, however `pybind11` binary artifacts are included with every binary build of SciPy.

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4th party Dependency: NumPy

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4.5.14 **NumPy**

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