

License Guide
Oracle Banking Virtual Account Management
Release 14.4.0.2.1
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Version 14.4.0.2.1

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- Customers
- Partners

1.3 Documentation Accessibility

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1.4 Organization

This manual is organized into the following chapters:

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

1.5 Related Documents

For more information, refer to the following documents:

- [OBVAM User Manuals](#)

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

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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 Virtual Account	Not Applicable	Virtual Account
Oracle Banking Virtual Identifier	Not Applicable	Virtual Identifier

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3. Environment Details

3.1 Tech Stack – OBVAM

Component	Machine	Operating System	Software	Version Number
Oracle Banking Virtual Account Management	Application Server	Oracle Linux Server release 7.6 (x86 64 Bit)	Oracle Fusion Middleware Infrastructure	12.2.1.4.0
			Oracle WebLogic	12.2.1.4.0
			Java HotSpot (TM) JDK (with WebLogic Application Server)	JDK 8 Update 241
	Database Server	Oracle Linux Server release 7.6 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	19.6.0.0.0 (19c)
	Message Broker	Oracle Linux Server release 7.6 (x86 64 Bit)	Apache Kafka	2.12-2.3.1
			Apache ZooKeeper	3.5.6
	Reporting Server	Oracle Linux Server release 7.6 (x86 64 Bit)	Oracle Analytics Server	5.5
			Repository Creation Utility	12.2.1.4.0
	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.		Internet Explorer	Microsoft Internet Explorer Release (11.*)
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jackson-dataformat-xml

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jackson-jaxrs-json-provider

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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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4P Dependencies
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SparseBitSet 1.2

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spring-cloud-stream-binder-kafka

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

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

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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
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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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spring-cloud-stream

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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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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- 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_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_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
- web-fragment_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
- javaee_8.xsd
- web-app_4_0.xsd
- web-common_4_0.xsd
- web-fragment_4_0.xsd

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

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netty-codec-http

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Spring Cloud Sleuth

Top Level Component : Spring-Cloud-Sleuth 2.2.5

Top Level Sub-Components:

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

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Credits

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=====
4th Party Component #8: jetty

1. jetty-http-9.4.24.v20191120.jar
2. jetty-io-9.4.24.v20191120.jar
3. jetty-security-9.4.24.v20191120.jar
4. jetty-server-9.4.24.v20191120.jar
5. jetty-servlet-9.4.24.v20191120.jar
6. jetty-util-9.4.24.v20191120.jar

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

The following artifacts are EPL and ASL2.

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

The following artifacts are EPL and CDDL 1.0.

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

Oracle OpenJDK

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

java.sun.security.ssl

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

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

OW2

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org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

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

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

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

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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===
4th Party Component #18: netty
1.      netty-buffer-4.1.50.Final.jar
2.      netty-codec-4.1.50.Final.jar
3.      netty-common-4.1.50.Final.jar
4.      netty-handler-4.1.50.Final.jar
5.      netty-resolver-4.1.50.Final.jar
6.      netty-transport-4.1.50.Final.jar
7.      netty-transport-native-epoll-4.1.50.Final.jar
8.      netty-transport-native-unix-common-4.1.50.Final.jar
```

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swagger-parser

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Top Level Component : swagger-parser-2.0.22

Top Level Sub-Components:

- 1. swagger-parser-1.0.51.jar
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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spring-cloud-config-client

Top Level Component : spring-cloud-config-client

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Top Level Component : 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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- web-app_3_0.xsd
- web-common_3_0.xsd
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spring-cloud-netflix-core

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

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

Henning Schmiedehausen (hgschmie@github)

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

Jerome Loisel (jloisel@github)

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

Peter Royal (osi@github)

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

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

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

Nick Cronin (Quintok@github)

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

James Lorenzen (jlorenzen@github)

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

=====

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- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- 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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Andy Clement initial implementation

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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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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
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- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
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- jsp_2_3.xsd
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Initial authors:

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2001-12-12

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4th Party Component #138 xpp3_min

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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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The class org.apache.lucene.util.WeakIdentityMap was derived from the Apache CXF project and is Apache License 2.0.

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were developed by Martin Porter and Richard Boulton.

The full snowball package is available from

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The KStem stemmer in

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

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

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

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

See <http://members.unine.ch/jacques.savoy/clef/index.html>.

The German, Spanish, Finnish, French, Hungarian, Italian, Portuguese, Russian and Swedish light stemmers

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`analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java`

`analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java`

`analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java`

`analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java`

`analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java`

`analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java`

`analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java`

`analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java`

`analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java`

`analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java`

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spring-cloud-netflix-eureka-server

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

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JDK8 datatype component, version 2.x
(version numbers in brackets indicate release in which the problem was fixed)

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

Henning Schmiedehausen (hgschmie@github)

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

Jerome Loisel (jloisel@github)

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

Peter Royal (osi@github)

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

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

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

Nick Cronin (Quintok@github)

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

James Lorenzen (jlorenzen@github)

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

=====

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@version 1.0

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- javaee_6.xsd

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- jsp_2_2.xsd
- web-app_3_0.xsd
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- 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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- 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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slf4j-api

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lie 3.3.0

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set-immediate-shim 1.0.1
<https://github.com/sindresorhus/set-immediate-shim/releases/tag/v1.0.1>

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safe-buffer@5.1.2

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string_decoder@1.1.1
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util-deprecate@1.0.2

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4.7 **Third Party Libraries**

This section provides details of the libraries that use the following third party software:

- Apache License 2.0
- MIT License
- Eclipse Public License 2.0 and GPL v.2 with CPE
- UPL
- Multiple Licenses

4.7.1 **Apache License 2.0**

The following libraries include software:

- Spring Boot 2.3.3.RELEASE
- POI 4.1.2
- Jwt 0.11.2
- Commons FileUpload 1.4
- jackson-jaxrs-json-provider 2.11.2
- velocity-tools-generic 3.0-422ed61
- math.js 5.9.0
- PDFBox 2.0.18
- swagger-parser 2.0.22
- camel-core 3.5.0
- camel-resilience4j 3.5.0
- spring-cloud-netflix-eureka-server 2.2.5.RELEASE
- Conductor 2.30.1
- Commons IO 2.8.0
- OpenNLP-tools 1.9.3
- Jslt 0.1.9
- JsonPath 2.4.0-1ed1ea0 3.5.0
- camel-cxf 2.2.5.RELEASE
- 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-starter-netflix-eureka-server 2.2.5.RELEASE
- spring-cloud-starter-netflix-eureka-client 2.2.5.RELEASE
- spring-cloud-starter-netflix-zuul 2.2.5.RELEASE
- spring-cloud-netflix-core 2.2.5.RELEASE
- spring-cloud-netflix-eureka-client 2.2.5.RELEASE
- Velocity Engine 2.2
- Guava 29
- Avro 1.10.0
- flyway-core 6.5.5

- jackson-dataformat-xml 2.11.2
- modelmapper 2.3.8
- swagger-annotations 1.6.2
- log4j-over-slf4j 1.7.30
- Spring Cloud Sleuth 2.2.5 RELEASE
- spring-cloud-stream 3.0.8 RELEASE
- FOP 2.5
- HikariCP 3.4.5
- jackson-dataformat-cbor 2.11.2
- ZooKeeper 3.6.2
- spring-cloud-stream-binder-kafka 3.0.8 RELEASE
- Kafka 2.6.0
- netty-codec-http 4.1.52 Final
- netty-transport-native-epoll 4.1.52 Final
- Spring Security 5.3.4 RELEASE
- Spring-Security-Oauth 2.5.0 RELEASE

4.7.2 Eclipse Public License 2.0 + GPL v.2 with CPE

The following libraries include software:

- Jakarta Mail 1.6.5

4.7.3 MIT Licenses

The following libraries include software:

- Simple Logging Facade for Java (SLF4J) 1.7.30
- Node-TimSort 0.3.0
- Moment.js 2.24.0
- jQuery 3.5.1
- Knockout.js 3.5.0
- Lodash 4.17.20
- JSON

4.7.4 UPL

- JavaScript Extension Toolkit (JET) 8.3.0

4.7.5 Multiple Licenses

- EclipseLink 2.7.7
- JSZip 3.2.1