

License Guide - On-Premise
Oracle FLEXCUBE Onboarding
Release 14.5.0.0.0
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License Guide - On-Premise

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1. Preface

1.1 Introduction

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

This document also provides information on the third party software that is packaged with Oracle FLEXCUBE Onboarding.

1.2 Audience

This document is intended for the following audience:

- Customers
- Partners

1.3 Documentation Accessibility

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1.4 Organization

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 FLEXCUBE Onboarding Licensing</i> provides information about Oracle FLEXCUBE Onboarding licensing.
Chapter 3	<i>Software Pre-requisites</i> consists of the technology pre-requisites required for Oracle FLEXCUBE Onboarding.
Chapter 4	<i>Third Party Licenses</i> provides information on licensing of third party software that are packaged with Oracle FLEXCUBE Onboarding.

1.5 Related Documents

For more information, refer to the following documents:

- Oracle FLEXCUBE Onboarding User Guides

2. Oracle FLEXCUBE Onboarding Licensing

2.1 Introduction

This chapter provides information on Oracle FLEXCUBE Onboarding licensing. It contains the following sections:

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

2.2 General Licensing Rules

Not applicable to Oracle FLEXCUBE Onboarding.

2.3 Components Included in License

Not applicable to Oracle FLEXCUBE Onboarding.

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 FLEXCUBE Onboarding for Accounts	Not applicable	Bank Account Application
Oracle FLEXCUBE Onboarding for Retail Loans	Not applicable	Bank Account Application
Oracle FLEXCUBE Onboarding for Deposits	Not applicable	Bank Account Application
Oracle FLEXCUBE Onboarding for Credit Cards	Not applicable	Bank Account Application

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3. Software Pre-requisites

Following are the separately licensable software prerequisites for Oracle FLEXCUBE Onboarding Product.

3.1 Tech Stack – Oracle FLEXCUBE Onboarding

Component	Machine	Operating System	Software	Version Number
Oracle FLEXCUBE Onboarding	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	12.2.1.4.0
	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+
			Apple Safari	14+
			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 FLEXCUBE Onboarding](#) for dependent software details.

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4.1 Introduction

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- UPL
- BSD 2-clause or 3-clause
- Multiple Licenses
- Other FOSS License
- Python License Version 2

4.2 Apache License 2.0

Pytesseract

Top Level Component Name: pytesseract

Top Level Component License:

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Version 2.0, January 2004
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Darius Morawiec
Eddie Bedada

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Dependencies for Pillow:

/-----/

libjpeg

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To avoid entanglement with the Unisys LZW patent (now expired), GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

/-----/

zlib

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The MD5 checksum support (only used for debugging in development builds) is in the public domain.

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2006-Jan-27
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Introduction

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FreeType font driver for BDF fonts
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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 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).

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Spring Security

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

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

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spring-cloud-stream-binder-kafka

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  Jackson JSON processor

```

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

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

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- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
- web-fragment_3_1.xsd
- javaee_8.xsd
- web-app_4_0.xsd
- web-common_4_0.xsd
- web-fragment_4_0.xsd

may be obtained from:

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- javaee_web_services_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 Schmedehausen (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

- 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
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- web-app_3_1.xsd
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- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd

```

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-jsp_2_2.xsd
-web-app_3_0.xsd
-web-common_3_0.xsd
-web-fragment_3_0.xsd
-javaee_7.xsd
-javaee_web_services_1_4.xsd
-javaee_web_services_client_1_4.xsd
-jsp_2_3.xsd
-web-app_3_1.xsd
-web-common_3_1.xsd
-web-fragment_3_1.xsd
-javaee_8.xsd
-web-app_4_0.xsd
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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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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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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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Source Code

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Top Level Component : jackson-dataformat-cbor 2.11.2

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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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Jackson JSON processor
Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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```

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

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

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The original XML Schemas for Java EE Deployment Descriptors:

- javaee_5.xsd
- javaee_web_services_1_2.xsd
- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
- web-fragment_3_1.xsd
- javaee_8.xsd
- web-app_4_0.xsd
- web-common_4_0.xsd
- web-fragment_4_0.xsd

may be obtained from:

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

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spring-cloud-starter-config

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spring-cloud-starter-netflix-zuul

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

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 (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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- `javaee_web_services_client_1_2.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
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(<https://github.com/twitter/finagle>).

This software contains code derived from jgroups-kubernetes

developed by the JGroups project (<http://www.jgroups.org/>).

The Windows Installer is built with the Nullsoft

Scriptable Install System (NSIS), which is

open source software. The original software and

related information is available at

<http://nsis.sourceforge.net>.

Java compilation software for JSP pages is provided by the Eclipse

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

The original software and related information is available at

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

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

for JSON written by Robert Fischer.

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

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

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

are derivative work originating from the Netty project and the finagle-native

project developed at Twitter

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For portions of the Tomcat cloud support

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

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

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The original XML Schemas for Java EE Deployment Descriptors:

- javaee_5.xsd
- javaee_web_services_1_2.xsd
- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
- web-fragment_3_1.xsd
- javaee_8.xsd

- web-app_4_0.xsd
- web-common_4_0.xsd
- web-fragment_4_0.xsd

may be obtained from:

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

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spring-cloud-netflix-eureka-client

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4th Party Component #1      aspectjweaver  
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Andy Clement initial implementation

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Other developers who have contributed code are:

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@version 1.0

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Created on 13. April 2006 by Joerg Schaible

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

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Other developers who have contributed code are:

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

Tatu Saloranta (tatu.saloranta@iki.fi): author
 Henning Schmiedehausen (hgschmie@github)
 Reported #11: Add `configureAbsentsAsNulls` config setting, for better compatibility
 with Guava module
 (2.6.0)
 Jerome Loisel (jloisel@github)
 Reported #14: Missing `@type` when serializing Optional
 (2.6.2)
 Peter Royal (osi@github)
 Reported #20: fails to serialize empty Optional with @JsonUnwrapped annotation
 (2.6.4)
 Reported #25: OptionalDoubleSerializer does not override acceptJsonFormatVisitor
 (2.6.4)
 Reported, contributed fix fo #26: `@JsonUnwrapped` on Optional value does not
 propagate prefix to schema
 (2.6.4)
 Nick Cronin (Quintok@github)
 Reported #21: Manifest file missing OSGi import for `com.fasterxml.jackson.databind.introspect`
 (2.6.4)
 James Lorenzen (jlorenzen@github)
 Requested #18: Allow use of `@JsonInclude(content=Include.NON_EMPTY)` with `Optional<>`
 (2.7.0)

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@version 1.0

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- javaee_web_services_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
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- javaee_web_services_client_1_4.xsd
- jsp_2_3.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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/Woodstox XML processor

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=====  
=====  
4P dependencies:  
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`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`

`analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java`

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2001-12-12

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spring-cloud-netflix-eureka-server

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

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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<>`
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The `org.apache.catalina.tribes.membership.cloud` package contains derivative

work originating from the jgroups project.

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

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The original XML Schemas for Java EE Deployment Descriptors:

- `javaee_5.xsd`

- javaee_web_services_1_2.xsd
- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
- web-fragment_3_1.xsd
- javaee_8.xsd
- web-app_4_0.xsd
- web-common_4_0.xsd
- web-fragment_4_0.xsd

may be obtained from:

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

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/Woodstox XML processor

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Tesseract

Tesseract 4.1.1

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Simple Logging Facade for Java (SLF4J)

jcl-over-slf4j

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Jakarta Mail

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

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*/
/*
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Name: ampgo

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

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Name: pybind11

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readable-stream 2.3.6

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

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set-immediate-shim 1.0.1

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

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Module Name: immediate

Version: 3.0.6

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core-util-is@1.0.2

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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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FreeType font driver for PCF fonts

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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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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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Modified by Jack Jansen, CWI, July 1995:

- Use `binascii` module to do the actual line-by-line conversion
between `ascii` and `binary`. This results in a 1000-fold speedup. The C
version is still 5 times faster, though.
- Arguments more compliant with Python standard

XML Remote Procedure Calls

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

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SipHash24

The file `:file:`Python/pyhash.c`` contains Marek Majkowski' implementation of 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/siphhash24/little](https://github.com/aleph1/siphhash24))

djb ([supercop/crypto_auth/siphhash24/little2](https://github.com/aleph1/siphhash24/little2))

Jean-Philippe Aumasson (<https://131002.net/siphhash/siphhash24.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

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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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- Jwt 0.11.2
- netty-transport-native-epoll 4.1.52.Final
- Spring Security 5.3.4.RELEASE
- Spring-Security-Oauth 2.5.0.RELEASE

- Commons FileUpload 1.4
- tess4j 4.5.4
- connexion 2.7.0
- camel-cxf 3.5.0
- camel-resilience4j 3.5.0
- spring-cloud-config-client 2.2.5.RELEASE
- spring-cloud-starter-config 2.2.5.RELEASE
- spring-cloud-starter-netflix-eureka-server 2.2.5.RELEASE
- swagger-annotations 1.6.2
- importlib-metadata 1.7.0

4.10.2 MIT License

The following libraries include software:

- JSON 20200518
- Configparser 5.0.0
- jQuery 3.5.1
- Knockout.js 3.5.0
- lodash 4.17.20
- jsoup 1.13.1
- opencv-python 4.3.0.36
- python-magic 0.4.18
- six 1.15.0
- datefinder 0.7.1
- pdf2image 1.14.0
- Moment.js 2.24.0
- Pyap 0.3.1
- Simple Logging Facade for Java (SLF4J) 1.7.30
- Node-TimSort 0.3.0
- Lombok 1.18.16

4.10.3 Eclipse Public License 2.0 and GPL v.2 with CPE

The following library include software:

- Jakarta Mail 1.6.5

4.10.4 UPL

The following library include software:

- JavaScript Extension Toolkit (JET) 9.1.0

4.10.5 BSD 2-clause or 3-clause

The following libraries include software:

- NumPy 1.19.0
- py4j 0.10.9
- pybase64 1.0.1
- SciPy 1.5.3
- XStream 1.4.14
- Flask 1.1.2
- Dateparser 0.7.6
- scikit-image 0.17.2

4.10.6 Multiple Licenses

The following libraries include software:

- JSZip 3.2.1
- python-dateutil 2.8.1
- EclipseLink 2.7.7

4.10.7 Other FOSS License

The following libraries include software:

- Python Imaging Library (Pillow) 7.2.0

4.10.8 Python License Version 2

The following libraries include software:

- Python 3.8.6