Oracle® Financial Services Data Foundation Cloud Service for Banking

Licensing Information Manual

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Oracle Financial Services Data Foundation Cloud Service for Banking Licensing Information Manual, Release 25D

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Preface

This preface introduces information sources that can help you use the application.

Using Oracle Applications

This section describes about using the Oracle Applications.

Help

Use Help Icons to access help in the application. If you do not see any help icons on your page, click your user image or name in the global header and select Show Help Icons. Not all pages have help icons. You can also access the Oracle Help Center to find guides and videos.

Watch Video

Watch: This video tutorial shows you how to find and use help. You can also read about it instead.

Additional Resources

- **Community:** Use Oracle Cloud Customer Connectto get information from experts at Oracle, the Partner Community, and other users.
- **Training:** Take courses on Oracle Cloud from Oracle University.

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Conventions

The following table explains the text conventions used in this guide:

Table 1-1 Conventions

Convention	Description
Italics	Names of books, chapters, and sections as references
	Emphasis
Bold	Object of an action (menu names, field names, options, button names) in step-by-step procedures
	Commands typed at a prompt
	User input

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Table 1-1 (Cont.) Conventions

Convention	Description
Monospace	Directories and subdirectories File names and extensions Process names Code sample, including keywords and variables within a text and as separate paragraphs, and user-defined program elements within a text
Variable	Substitute input value

Contacting Oracle

This section is about contacting Oracle.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit My Oracle Support or visit Accessible Oracle Support if you are hearing impaired.

Comments and Suggestions

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Oracle Financial Services Data Foundation Cloud Service

The following table lists the Third Party Software Tools used in the application.

Table 3-1 Table: Third Party Software Tools

Products	Licensing Description

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Table 3-1 (Cont.) Table: Third Party Software Tools

Oracle Financial Services Data Foundation Cloud Service includes the following products: • Oracle Financial Services Data Foundation Cloud Service	• Third party software tools used in the application: – @hapi/h2o2 – @hapi/hapi – @hapi/inert – Apache * Commons BeanUtils * Commons Compress * Commons CSV * Commons Fileupload * Commons IO * Commons Language * Commons Pool2 * Commons Text * Freemaker * GSON * Guava * Hibernet Validator * Jackson Annotations * Jackson Core * Jackson Databind * Jackson Dataformat XML * Jakarta Annotations API * Jakarta Bean Validation API * Jakarta Mail API * Jakarta Restful Web Services JAX-RS API * Jakarta Servlet * Jakata Activation API * JSP * Kafka Clients * Log4j API * Log4j Core * lucene-analyzers-common * lucene-core * micrometer-core * micrometer-registry-prometheus * OpenNLP Tools * POI * poi-ooxml * Quartz * Quartz Jobs * snakeyaml * Snappy Java * Spring Context * Spring Context Support * Spring Core * Spring Expression * Spring Framework * spring-boot-devtools * spring-boot-maven-plugin

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Table 3-1 (Cont.) Table: Third Party Software Tools

- spring-boot-starter-actuator
- spring-boot-starter-aop
- spring-boot-starter-cache
- spring-boot-starter-jdbc
- spring-boot-starter-jetty
- spring-boot-starter-log4j2
- spring-boot-starter-mail
- spring-boot-starter-parent
- spring-boot-starter-security
- spring-boot-starter-test
- spring-boot-starter-validation
- spring-boot-starter-web
- spring-security-core
- springdoc-openapi-starter-webmvc-ui
- tomcat-embed-core
- tomcat-embed-jasper
- tomcat-embed-websocket

– Brok
– com.itextpdf.io
– com.itextpdf.kernel
– com.itextpdf.layout
– com.squareup.okio.okio-jvm
– D3
– Eclipse
  - jetty-client
  - jetty-ee
  - jetty-ee10-annotations
  - jetty-ee10-plus
  - jetty-ee10-servlet
  - jetty-ee10-webapp
  - jetty-ee10-websocket-jakarta-client
  - jetty-ee10-websocket-jakarta-common
  - jetty-ee10-websocket-jakarta-server
  - jetty-ee10-websocket-jetty-server
  - jetty-ee10-websocket-servlet
  - jetty-http
  - jetty-io
  - jetty-server
  - websocket-api
– JSON in Java
– Lettuce
– Lombok
– OJET
– Okio
– Oracle
  - oci-java-sdk-addons-apache-configurator-jersey3
  - oci-java-sdk-common-httpclient-jersey3
  - oci-java-sdk-core
  - oci-java-sdk-identity

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Table 3-1 (Cont.) Table: Third Party Software Tools

	* oci-java-sdk-objectstorage – shedlock-core – shedlock-provider-jdbc-template – shedlock-spring – 3-Clause BSD * OWASP Java Encoder Project

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Third-party Notices

This section describes about Third-party Notices.

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Table 4-1 Open Source Software

Provider	Component	Functionality	Licensing Information
Apache Software Foundation	• Commons BeanUtils • Commons Compress • Commons CSV • Commons Fileupload • Commons IO • Commons Language • Commons Pool2 • Commons Text • Freemaker • GSON • Guava • Hibernet Validator • Jackson Annotations • Jackson Core • Jackson Databind • Jackson Dataformat XML • Jakarta Annotations API • Jakarta Bean Validation API • Jakarta Mail API • Jakarta Restful Web Services JAX-RS API • Jakarta Servlet • Jakata Activation API • JSP • Kafka Clients • Log4j API • Log4j Core • lucene-analyzers-common • lucene-core • micrometer-core • micrometer-registry-prometheus • OpenNLP Tools • POI • poi-ooxml • Quartz • Quartz Jobs • snakeyaml • Snappy Java • Spring Context	Scripting Platform Platform Persistence Tier & Install	The Apache Software Foundation. This product includes software developed by The Apache Software Foundation (http://www.apache.org/). Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0. For a copy of the license, see Apache License, Version 2.0.

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Table 4-1 (Cont.) Open Source Software

Provider	Component	Functionality	Licensing Information
	• Spring Context Support • Spring Core • Spring Expression • Spring Framework • spring-boot-devtools • spring-boot-maven-plugin • spring-boot-starter-actuator • spring-boot-starter-aop • spring-boot-starter-cache • spring-boot-starter-jdbc • spring-boot-starter-jetty • spring-boot-starter-log4j2 • spring-boot-starter-mail • spring-boot-starter-parent • spring-boot-starter-security • spring-boot-starter-test • spring-boot-starter-validation • spring-boot-starter-web • spring-security-core • springdoc-openapi-starter-webmvc-ui • tomcat-embed-core • tomcat-embed-jasper • tomcat-embed-websocket		

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Table 4-1 (Cont.) Open Source Software

Provider	Component	Functionality	Licensing Information
Eclipse Foundation, Inc.	Eclipselink (Eclipse Distribution License) • jetty-client • jetty-ee • jetty-ee10-annotations • jetty-ee10-plus • jetty-ee10-servlet • jetty-ee10-webapp • jetty-ee10-websocket-jakarta-client • jetty-ee10-websocket-jakarta-common • jetty-ee10-websocket-jakarta-server • jetty-ee10-websocket-jetty-server • jetty-ee10-websocket-servlet • jetty-http • jetty-io • jetty-server • websocket-api	Integrated development environment, used to develop applications	For a copy of the license, see Eclipse
Oracle	Oracle JET • oci-java-sdk-addons-apache-configurator-jersey3 • oci-java-sdk-common-httpclient-jersey3 • oci-java-sdk-core • oci-java-sdk-identity • oci-java-sdk-objectstorage	Front end library for UI requirements	Copyright (c) 2014, 2025 Oracle and/or its affiliates The Universal Permissive License (UPL), Version 1.0 For a copy of the license, see OJET.
OWASP Foundation	Enterprise Security API (ESAPI)	Open source, web application security control library designed to write lower-risk applications.	Licensed under the New BSD license. For a copy of the license, see the License text.
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lru-cache

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./src/main/resources/META-INF/jackson-core-NOTICE

Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has

been in development since 2007.

It is currently developed by a community of developers.

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This is a Java port of Daniel Lemire's fast_float project.

This project provides parsers for double, float, BigDecimal and BigInteger values.

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Jackson Databind

---------- Jackson Databind----------

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okio-jvm

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The snowball stemmers in

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opennlp-tools/src/main/java/opennlp/tools/stemmer/snowball

were developed by Martin Porter and Richard Boulton.

The full snowball package is available from

http://snowball.tartarus.org/

==========

Wordpiece tokenizer

https://github.com/robrua/easy-bert

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https://github.com/qos-ch/slf4j

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jackson-databind

https://github.com/FasterXML/jackson-databind

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micrometer-core

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class "org.apache.commons.math3.exception.util.LocalizedFormatsTest" which is an adapted version of "OrekitMessagesTest" test class for the Orekit library - The "org.apache.commons.math3.analysis.interpolation.HermiteInterpolator" has been imported from the Orekit space flight dynamics library.
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spring-boot-starter-aop

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spring-boot-starter-test

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

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

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

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

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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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Dependency: org.apache.tomcat:tomcat-annotations-api

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Eclipse

org.eclipse.jetty 9.4.14.v20181114

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jetty-http2

jetty-continuation

jetty-server

jetty-xml

jetty-security

jetty-servlet

jetty-webapp

jetty-fcgi

jetty-websocket

jetty-servlets

jetty-util-ajax

apache-jsp

apache-jstl

jetty-maven-plugin

jetty-jspc-maven-plugin

jetty-deploy

jetty-start

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jetty-jaas

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jetty-client

jetty-proxy

jetty-jaspi

jetty-rewrite

jetty-nosql

jetty-infinispan

jetty-gcloud

jetty-memcached

jetty-hazelcast

jetty-unixsocket

jetty-jmh tests examples

jetty-quickstart

jetty-distribution

jetty-runner

jetty-http-spi

jetty-osgi

jetty-alpn

jetty-home

jetty-bom

jetty-documentation

4P Dependencies:

org.mortbay.jasper » apache-jsp 8.5.33.1

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org.apache.taglibs » taglibs-standard-impl 1.2.5

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org.slf4j slf4j-api 1.7.25

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Jakarta Bean Validation API

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Source Code

The project maintains the following source code repositories:

* [The specification repository](https://github.com/jakartaee/validation-spec)

* [The API repository](https://github.com/jakartaee/validation)

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Test dependencies:

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Jakarta Mail API

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Jakarta Restful Web Services JAX-RS API

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* org.apache.tomcat:tomcat-util-scan

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* org.mortbay.jasper:apache-el

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* org.eclipse.jetty.toolchain:jetty-schemas

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== Contributors ==

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* Providing benchmark suite

* Alec Wysoker

* Performance and memory usage improvement

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