Oracle® Financial Services Profitability and Balance Sheet Management Cloud Service

Licensing Information User Manual

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Oracle Financial Services Profitability and Balance Sheet Management Cloud Service Licensing Information User Manual, Release 25D

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About This Content

This guide provides information on the Profitability and Balance Sheet Management Cloud Service (PBSM CS).

Audience

This guide is intended for the users of Profitability and Balance Sheet Management Cloud Service (PBSM CS).

Documentation Accessibility

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Related Resources

See these Oracle resources:

- What's New in Your Update
- Oracle Financial Services Profitability and Balance Sheet Management Cloud Service
- Public APIs for Profitability and Balance Sheet Management Cloud Service
- Data Security Management Guide

Conventions

The following text conventions are used in this document.

Table 1-1 Conventions

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

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Oracle Financial Services Profitability and Balance Sheet Management 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 Profitability and Balance Sheet Management Cloud Service includes the following products: • Oracle Financial Services Profitability Management Cloud Service • Oracle Financial Services Funds Transfer Pricing Cloud Service • Oracle Financial Services Profitability Analytics Cloud Service • Oracle Financial Services Cash Flow Engine Cloud Service • Oracle Financial Services Asset Liability Management Cloud Service	• Third party software tools used in the application: – @hapi/h2o2 – @hapi/hapi – @hapi/inert – Apache * Commons BeanUtils * Commons Collections * Commons Compress * Commons CSV * Commons Fileupload * Commons IO * Commons Language * Commons Pool2 * Commons Text * Freemaker * GSON * Guava * helidon-integrations-cdi-datasource-hikaricp * helidon-microprofile * helidon-mp * Hibernet Validator * Jackson Annotations * Jackson Core * Jackson Databind * Jackson Dataformat XML * Jackson Datatype-jsr310 * Jackson-module-scala * jakarta.xml.bind-api * Jakarta Annotations API * Jakarta Bean Validation API * Jakarta Mail API * Jakarta Restful Web Services JAX-RS API * Jakarta Servlet * Jakata Activation API * JSP * Log4j API * Log4j Core * lucene-analyzers-common * lucene-core * micrometer-core * micrometer-registry-prometheus * OpenNLP Tools * POI * poi-ooxml * Quartz * Quartz Jobs * Scala * snakeyaml * Snappy Java

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

- Spring Context
- Spring Context Support
- Spring Core
- Spring Expression
- 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
- XercesImpl

– Brok
– com.itextpdf.io
– com.itextpdf.kernel
– com.itextpdf.layout
– com.squareup.okio.okio-jvm
– Eclipse
  - javax.persistence-api
  - jersey-container-servlet
  - jersey-container-servlet-core
  - jersey-hk2
  - jersey-media-json-jackson
  - jersey-media-multipart
  - jersey-server
  - 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

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

	* jetty-server * websocket-api – JSON in Java – Lombok – MIT * Exceljs * Jspreadsheet * Lettuce * prism.js * Sql-formatter – OJET – Okio – Oracle * 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 – Sax – shedlock-core – shedlock-provider-jdbc-template – shedlock-spring – 3-Clause BSD * OWASP Java Encoder Project

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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 • helidon-integrations-cdi-datasource-hikaricp • helidon-microprofile • helidon-mp • Hibernet Validator • Jackson Annotations • Jackson Core • Jackson Databind • Jackson Dataformat XML • Jackson Datatype-jsr310 • Jackson-module-scala • jakarta.xml.bind-api • Jakarta Annotations API • Jakarta Bean Validation API • Jakarta Mail API • Jakarta Restful Web Services JAX-RS API • Jakarta Servlet • Jakata Activation API • JSP • Log4j API • Log4j Core • lucene-analyzers-common • lucene-core • micrometer-core • micrometer-registry-prometheus • OpenNLP Tools	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.

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Table 4-1 (Cont.) Open Source Software

Provider	Component	Functionality	Licensing Information
	• POI • poi-ooxml • Quartz • Quartz Jobs • Scala • snakeyaml • Snappy Java • Spring Context • Spring Context Support • Spring Core • Spring Expression • 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 • XercesImpl		

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Provider	Component	Functionality	Licensing Information
Eclipse Foundation, Inc.	Eclipselink (Eclipse Distribution License) • javax.persistence-api • jersey-container-servlet • jersey-container-servlet-core • jersey-hk2 • jersey-media-json-jackson • jersey-media-multipart • jersey-server • 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.

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Table 4-1 (Cont.) Open Source Software

Provider	Component	Functionality	Licensing Information
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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* [The specification repository](https://github.com/eclipse-ee4j/beanvalidation-spec)

* [The API repository](https://github.com/eclipse-ee4j/beanvalidation-api)

* [The TCK repository](https://github.com/eclipse-ee4j/beanvalidation-tck)

Third-party Content

This project leverages the following third party content.

Test dependencies:

* [TestNG](https://github.com/cbeust/testng) - Apache License 2.0

* [JCommander](https://github.com/cbeust/jcommander) - Apache License 2.0

* [SnakeYAML](https://bitbucket.org/asomov/snakeyaml/src) - Apache License 2.0

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Dependency: org.jboss.logging:jboss-logging

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=== Source URL: https://github.com/jboss-logging/jboss-logging/tree/3.4.3.Final

License: Apache 2.0

./src/main/resources/META-INF/LICENSE.txt

Apache 2.0 (same as org.hibernate.validator:hibernate-validator)

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helidon-integrations-cdi-datasource-hikaricp

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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

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The snowball stemmers in

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

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The full snowball package is available from

http://snowball.tartarus.org/

==========

Wordpiece tokenizer

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

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SLF4J API

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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---------- Separator ----------

spring-boot-maven-plugin

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spring-boot-starter-test

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spring-boot-starter-validation

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(https://netty.io, https://github.com/netty/netty-tcnative/)
and from finagle-native developed at Twitter
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This software contains code derived from jgroups-kubernetes
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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

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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

- 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

Copyright: The Apache Software Foundation

=== Source URL: https://github.com/apache/tomcat/tree/10.1.39

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Dependency: org.apache.tomcat.embed:tomcat-embed-core

Copyright: The Apache Software Foundation

=== Source URL: https://github.com/apache/tomcat/tree/10.1.39

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./res/openssl/license.header

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XercesImpl

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jetty-annotations

jetty-jndi

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jetty-cdi

jetty-spring

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jetty-proxy

jetty-jaspi

jetty-rewrite

jetty-nosql

jetty-infinispan

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jetty-memcached

jetty-hazelcast

jetty-unixsocket

jetty-jmh tests examples

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4P Dependencies:

org.mortbay.jasper » apache-jsp 8.5.33.1

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Jakarta Mail API

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Jakarta Restful Web Services JAX-RS API

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jersey-container-servlet

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websocket-api

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Sax

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== Contributors ==

* Tatu Saloranta

* Providing benchmark suite

* Alec Wysoker

* Performance and memory usage improvement

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