

Licensing Guide  
Oracle Banking Credit Facilities Process Management  
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Licensing Guide  
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# 1. Preface

## 1.1 Introduction

This document helps you understand the guiding rules for Oracle Banking Credit Facilities Process Management 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 Credit Facilities Process Management.

## 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 Credit Facilities Process Management Licensing</i> provides information on <i>Oracle Banking Credit Facilities Process Management</i> licensing.
Chapter 3	<i>Software Pre-requisites</i> consists of the technology pre-requisites required for <i>Oracle Banking Credit Facilities Process Management</i> .
Chapter 4	<i>Third Party Licenses</i> provides information on licensing of third party software packaged along with <i>Oracle Banking Credit Facilities Process Management</i> .

## 1.5 **Related Documents**

For more information, refer to the following documents:

- End user license agreement
- Oracle Banking Credit Facilities Process Management User Manuals

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## 2. Oracle Banking Credit Facilities Process Management Licensing

### 2.1 Introduction

This chapter provides information on Oracle Banking Credit Facilities Process Management 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 Credit Facilities Process Management.

### 2.3 Components Included in License

Not applicable to Oracle Banking Credit Facilities Process Management.

### 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)
Oracle Banking Credit Facilities Process Management	Not Applicable	\$M in Collaterals or Limits Under Management

### 2.5 Restricted Use License

Not applicable to Oracle Banking Credit Facilities Process Management.

### 3. Software Prerequisites

Following are the separately licensable software prerequisites for Oracle Banking Credit Facilities Process Management Product.

Component	Machine	Operating System	Software	Version Number
Oracle Banking Credit Facilities Process Management	Application Server	Oracle Linux Server release 7.3 (x86 64 Bit)	Oracle WebLogic	12.2.1.3.0
			Java HotSpot (TM) JDK (with WebLogic Application Server)	JDK 8 Update 162
			Oracle Repository Creation Utility (RCU) - To create SOA related schemas for BPEL	12.2.1.3.0
			Oracle SOA Suite, Oracle BPM Suite	12.2.1.3.0
	Database Server	Oracle Linux Server release 7.3(x86 64 Bit)	Oracle RDBMS Enterprise Edition	12.2.0.1.0
	Reporting Server	Oracle Enterprise Linux 7.3 (x86 64 Bit)	Oracle WebLogic	12.2.1.3.0
			Oracle BI Publisher	12.2.1.3.0
			Repository Creation Utility	12.2.1.3.0
			Oracle Database (for RCU)	12.2.0.1.0
			JDK	JDK 8 Update 162
	Document Management System	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle WebLogic	12.2.1.3.0
			Oracle WebCenter Content Imaging	12.2.1.3.0
			Repository Creation Utility	12.2.1.3.0
			Oracle Database (for	12.2.0.1.0



			RCU)	
			JDK	JDK 8 Update 162
	Client Machines#		Internet Explorer	Microsoft Internet Explorer Release (11.*)
			Mozilla Firefox	Mozilla Firefox Release (52+)
			Google Chrome	Google Chrome Release (66+)
			Microsoft Edge	41.16299.492.0

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 7, 8, 10 and Mac OS X.

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## 4. Third Party Licenses

### 4.1 Introduction

This chapter provides information on licensing of third party software that are packaged with Oracle Banking Credit Facilities Process Management. It contains the following sections:

- Apache License 2.0
- Apache Software Foundation
- Eclipse Foundation
- FasterXML, LLC
- Google
- JSON.org
- Jeremy Ashkenas
- Kit Cambridge
- Marco Ziccardi
- Netflix
- Oracle
- Pivotal Software, Inc
- Pivotal, Inc.
- QOS.ch
- SmartBear Software

- Stuart Knightley et. Al
- Tim Wood
- jQuery Foundation
- jsonwebtoken.io

#### **4.1.1 Apache License 2.0**

##### **4.1.1.1 Apache POI**

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[3] <http://www.microsoft.com/openspecifications/en/us/programs/osp/default.aspx>

[4] [http://www.ecma-international.org/publications/files/ECMA-ST/Ecma%20PATENT/Patent%20statements%20ok/ECMA-](http://www.ecma-international.org/publications/files/ECMA-ST/Ecma%20PATENT/Patent%20statements%20ok/ECMA-376%20Edition%202%20Microsoft%20Patent%20Declaration.pdf)

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[5] <http://www.ecma-international.org/publications/files/ECMA-ST/Ecma%20PATENT/Patent%20statements%20ok/ECMA-376%20Adobe%20Patent%20Declaration.pdf>

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JUnit test library (junit-4.\*.jar) & JaCoCo (\*jacoco\*)

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Revision level 1.2, last updated on 2009/01/13 Changed the URL of the Artifacts. Revision level 1.1, last updated on 2007/11/19

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#### **4.1.4 FasterXML, LLC**

##### **4.1.4.1 jackson-annotations**

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### 4.1.4.2 jackson-core

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#### 4.1.5.1 **GSON**

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### 4.1.6.1 JSON

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#### **4.1.9 Marco Ziccardi**

##### **4.1.9.1 Node-TimSort**

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3rd party Technology Functionality:

An adaptive and stable sort algorithm based on merging that requires fewer than  $n \log(n)$  comparisons when run on partially sorted arrays. The algorithm uses  $O(n)$  memory and still runs in  $O(n \log n)$  (worst case) on random arrays.

This implementation is based on the original TimSort developed by Tim Peters for Python's lists (code here). TimSort has been also adopted in Java starting from version 7.

#### **4.1.10 Netflix**

##### **4.1.10.1 Ribbon**

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Top Level Sub Component : ribbon-httpclient-2.2.5.jar

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Top Level Sub Component : ribbon-loadbalancer-2.2.5.jar

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Top Level Component :

ribbon-eureka-2.2.5.jar

ribbon-2.2.5.jar

ribbon-core-2.2.5.jar

ribbon-httpclient-2.2.5.jar

ribbon-loadbalancer-2.2.5.jar

ribbon-transport-2.2.5.jar

FOURTH-PARTY DEPENDENCY #1 NAME : archaius-core-0.7.4

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## 4.1.19 jsonwebtoken.io

### 4.1.19.1 jjwt

TOP Level Component : jjwt-0.9.0.jar

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It was originally written by Tatu Saloranta ([tatu.saloranta@iki.fi](mailto:tatu.saloranta@iki.fi)), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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