

Licensing Guide  
Oracle FLEXCUBE Investor Servicing  
Release 12.1.0.6.3  
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Licensing Guide  
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Version 12.1.0.6.3

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# 1. Preface

## 1.1 Introduction

This document helps you understand the guiding rules for Oracle FLEXCUBE Investor Servicing 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 FLEXCUBE Investor Servicing.

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

## 1.5 **Related Documents**

For more information, refer to the following documents:

- End user license agreement
- Oracle FLEXCUBE Investor Servicing User Manuals

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## **2. Oracle FLEXCUBE Investor Servicing Licensing**

### **2.1 Introduction**

This chapter provides information on Oracle FLEXCUBE Investor Servicing 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 for Oracle FLEXCUBE Investor Servicing products.

### **2.3 Components Included in License**

Not applicable for Oracle FLEXCUBE Investor Servicing products.

## **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.*

<b>Module Description</b>	<b>Separately Licensed Prerequisites</b>	<b>Licensing Metric(s)</b>
Oracle FLEXCUBE Investor Servicing for Mutual Funds	Oracle FLEXCUBE Development Workbench for Investor Servicing	\$M in Assets Under Management
Oracle FLEXCUBE Investor Servicing for Unit Linked Investment and Insurance Products <sup>1</sup>	Oracle FLEXCUBE Development Workbench for Investor Servicing	\$M in Assets Under Management
Oracle FLEXCUBE Investor Servicing for Hedge Funds <sup>2</sup>	Oracle FLEXCUBE Development Workbench for Investor Servicing	\$M in Assets Under Management
Oracle FLEXCUBE Investor Servicing for Pension Funds	Oracle FLEXCUBE Investor Servicing for Mutual Funds	Investment Account
<b>Oracle FLEXCUBE Open Development Tools</b>		
Oracle FLEXCUBE Development Workbench for Investor Servicing	Oracle FLEXCUBE Investor Servicing for Mutual Funds or Oracle FLEXCUBE Investor Servicing for Unit Linked Investment and Insurance Products or Oracle FLEXCUBE Investor Servicing for Hedge Funds	Application User

<sup>1</sup>The license program allows user to manage and administer an asset managed under Unit Linked Investment and Insurance products module in Mutual fund module as well. If any additional assets needs to be managed and administered only in Mutual Fund module, user will require to additionally license Mutual fund module.

<sup>2</sup>The license program allows user to manage and administer an equivalent amount of asset managed under Hedge Fund module in Mutual fund module as well. If any additional assets needs to be managed and administered only in Mutual Fund module, user will require to additionally license Mutual fund module

## **2.5 Restricted Use License**

OPSS 12.2.1.3.0 has been packaged within our application under RUL license.



## 3. Software Prerequisites

Following are the separately licensable software prerequisites for Oracle FLEXCUBE Investor Servicing Products.

### 3.1 Software Prerequisites

#### Tech Stack – Oracle

Component	Deployment option	Machine	Operating System	Software	Version Number
Oracle FLEXCUBE Investor Servicing	UI-Host and Centralized	Application Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle Fusion Middleware Infrastructure (or) Oracle WebLogic Server	12.2.1.3.0
				Java HotSpot(TM) JDK (with WebLogic Application Server)	JDK 1.8 Update 161
				Oracle Platform Security Services	12.2.1.3.0
				Open Symphony Quartz	2.3.1-9f9e400
		Database Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	12.1.0.2.0
		Document Management System	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle WebLogic Server	12.2.1.3.0
				Oracle WebCenter Content Imaging	12.2.1.3.0
		Reporting Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle BI Publisher	12.2.1.3.0
				Java HotSpot(TM) JDK (with WebLogic Application Server)	JDK 1.8 Update 161
		Oracle FLEXCUBE Information Server - Analytics	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle Business Intelligence Enterprise Edition (OBIEE)	12.2.1.3.0
				Java HotSpot(TM) JDK (with WebLogic Application Server)	JDK 1.8 Update 161
		Client Machines	#Supported Browsers	Internet Explorer	Microsoft Internet Explorer Release (11.*)
				Mozilla Firefox	Mozilla Firefox Release(57+)
				Google Chrome	Google Chrome Release(62.0.3202.94)
				Microsoft Edge	Microsoft Edge (41.16299.15)
				Safari	Safari 11+
Single Sign	Oracle	JDK	JDK 1.8 Update 161		

		On Server	Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle Fusion Middleware Infrastructure	12.2.1.3.0
				Oracle Identity And Access Management	12.2.1.3.0
				Oracle Identity Management(OID)	12.2.1.3.0
				Oracle SOA	12.2.1.3.0
				OID Connector	OID 11.1.1.6.0
Oracle FLEXCUBE Investor Servicing BPEL/BPMN Processes and Process Framework	UI-Host and Centralized	Application Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle Fusion Middleware Infrastructure	12.2.1.3.0 (JDK 1.8 Update 161)
				Oracle SOA Suite, Oracle BPM Suite	12.2.1.3.0
Oracle FLEXCUBE Investor Servicing Integration Gateway	Web services (incoming)	Integration Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle Fusion Middleware Infrastructure (or) Oracle WebLogic Server	12.2.1.3.0
	HTTP Servlet (incoming)				
	EJB (incoming)				
	MDB (incoming)				
	Notifications (outgoing)				

# Browser support is no longer based on Operating Systems but strictly tied to the browser themselves, no matter which Operating Systems they are installed on. Current release is certified on client workstations with Windows 7, 10 and Mac OS X.

### Tech Stack – IBM

Component	Deployment option	Machine	Operating System	Software	Version Number
Oracle FLEXCUBE Investor Servicing	UI-Host and Centralized	Application Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0.0.5
				IBM WebSphere MQ Server	9.0.4.0
				Open Symphony Quartz	2.3.1-9f9e400
		Database Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	12.1.0.2.0
		Client Machines	#Supported Browsers	Internet Explorer	Microsoft Internet Explorer Release (11.*)
				Mozilla Firefox	Mozilla Firefox Release(57+)
				Google Chrome	Google Chrome Release(62.0.3202.94)
				Microsoft Edge	Microsoft Edge (41.16299.15)
				Safari	Safari 11+
		Oracle FLEXCUBE Investor Servicing Integration Gateway	Web services (incoming)	Integration Server	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)
HTTP Servlet (incoming)					
EJB (incoming)					
MDB (incoming)	Integration Server		Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0.0.5
				IBM WebSphere MQ Server	9.0.4.0
Notifications (outgoing)	Integration Server		Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	IBM WebSphere Application Server with inbuilt JVM (IBM JDK 1.8_64)	9.0.0.5
		IBM WebSphere MQ Server		9.0.4.0	

# Browser support is no longer based on Operating Systems but strictly tied to the browser themselves, no matter which Operating Systems they are installed on. Current release is certified on client workstations with Windows 7, 10 and Mac OS X.

### 3.2 Module-wise Software Prerequisites

Product Name	Product Version	Requirements
Oracle WebLogic Server	12.2.1.3.0	Optional - Oracle FLEXCUBE Investor Servicing and Oracle FLEXCUBE Investor Servicing Integration Gateway supports both WebLogic and WebSphere.
Oracle Fusion Middleware Infrastructure	12.2.1.3.0	Optional - Oracle FLEXCUBE Investor Servicing and Oracle FLEXCUBE Investor Servicing Integration Gateway supports both WebLogic (Fusion Middleware) and WebSphere.
Oracle RDBMS Enterprise Edition	12.2.0.1.0	Standard requirement
Oracle WebCenter Content Imaging	12.2.1.3.0	Optional – Kindly refer Section 3.1 for requisite component
Oracle SOA Suite	12.2.1.3.0	Optional – Kindly refer Section 3.1 for requisite component
Oracle Business Intelligence Publisher	12.2.1.3.0	Optional – Kindly refer Section 3.1 for requisite component
Oracle Identity and Access Management	12.2.1.3.0	Optional – Only if SSO is required
Oracle Identity Management	12.2.1.3.0	Optional – Only if SSO is required
OBIEE	12.2.1.3.0	Optional - Oracle FLEXCUBE Requirement.
IBM WebSphere Server	9.0.0.5	Optional - Oracle FLEXCUBE Investor Servicing and Oracle FLEXCUBE Investor Servicing Integration Gateway supports both WebLogic (Fusion Middleware) and WebSphere.
IBM WebSphere MQ Server	9.0.4.0	Optional – Required for Oracle FLEXCUBE Investor Servicing and Oracle FLEXCUBE Investor Servicing Integration Gateway on WebSphere

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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 FLEXCUBE Investor Servicing. It contains the following sections:

- Apache License 2.0
- BSD-Style License
- Third Party Libraries

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Other developers who have contributed code are:

\* Brian Langel

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Top Level Component #4 spring-boot-starter-aop-2.0.7.RELEASE.jar

Top Level Component #5 spring-boot-starter-jdbc-2.0.7.RELEASE.jar

Top Level Component #6 spring-boot-starter-json-2.0.7.RELEASE.jar

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Other developers who have contributed code are:

\* Brian Langel

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FOURTH PARTY DEPENDENCY #5 COPYRIGHT 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, as well as supported commercially by FasterXML.com.

## Licensing

Jackson core and extension components may be licensed under different licenses.

To find the details that apply to this artifact see the accompanying LICENSE file.

For more information, including possible other licensing options, contact

FasterXML.com (<http://fasterxml.com>).

## Credits

A list of contributors may be found from CREDITS file, which is included

in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

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----- Separator -----

FOURTH PARTY DEPENDENCY #6: jackson-dataformat-yaml 2.9.5.jar

#### FOURTH PARTY DEPENDENCY #6 COPYRIGHT NOTICE

# Jackson JSON processor

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

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Apache 2.0

<http://www.apache.org/licenses/LICENSE-2.0.txt>

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FOURTH PARTY DEPENDENCY #7: reflections-0.9.11.jar

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### FOURTH PARTY DEPENDENCY #7 LICENSE

From website: <https://github.com/ronmamo/reflections/blob/master/COPYING.txt>



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Version 2, December 2004

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## 4.3 Third Party Libraries

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

- Apache 2.0
- BSD-Style License

### 4.3.1 Apache 2.0

- Apache Commons Codec 1.11
- Apache Commons Transaction 1.2
- Apache POI 3.17
- Commons Collections 4.1
- Commons IO 2.6
- Commons Net 3.6
- Log4j 2.10.0
- ANT 1.10.1
- Commons Logging 1.2
- PJB Compression Filter 2.3.0 (ziplet 2.3.0)
- Quartz 2.3.1-9f9e400
- Apache Camel 2.22.2
- Commons-Lang 3.7
- Log4j 2.11.1-7333573
- GSON 2.8.5
- guava 25.1
- Spring Boot 2.0.7.RELEASE
- Swagger 1.5.18

### 4.3.2 BSD-Style License

DOM4J is a registered trademark of MetaStuff, Ltd. (<http://www.dom4j.org>) For license information, See *"BSD-Style License" in Section 4.5*

- dom4j-2.1.0.jar

The below library includes software developed by The Yahoo (<http://developer.yahoo.com/yui>).

*For license information, See “BSD-Style License” in Section 4.5*

- yuicompressor - 2.4.8-958491d.jar

### **4.3.3 Others**

Below library is included as part of this license:

- Reflections 0.9.11