

License Guide

Oracle FLEXCUBE Universal Banking

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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 FLEXCUBE Universal Banking 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 are packaged with Oracle FLEXCUBE Universal Banking.

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/pls/topic/lookup?ctx=acc&id=docacc>.

1.4 Organization

This manual is organized into the following chapters:

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

1.5 Related Documents

For more information, refer to the following documents:

- End user license agreement
- Oracle FLEXCUBE User Manuals

2. Oracle FLEXCUBE Universal Banking Licensing

2.1 Introduction

This chapter provides information on Oracle FLEXCUBE Universal Banking 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

Oracle FLEXCUBE Universal Banking has 14 modules that can be licensed by either account metric or by application user metric.

The following table lists out the modules which are primarily retail or corporate. The licensing rule against each of them defines how these modules would get licensed based on the usage of the bank.

Sl. No.	Module Description	Licensing Rule(s)
Retail Modules		
1	Oracle FLEXCUBE Universal Banking Current Accounts and Savings Accounts	If the customer is using Universal Banking for Retail programs, these applications may only be licensed by the Account metric. However, if the customer is using Universal Banking for Corporate, and is not using Universal Banking for Retail, then a customer may license these programs under the Application User metric.
2	Oracle FLEXCUBE Universal Banking Payments and Collections	
3	Oracle FLEXCUBE Universal Banking Standing Instructions	
4	Oracle FLEXCUBE Universal Banking Collections	
5	Oracle FLEXCUBE Universal Banking Loans*	
6	Oracle FLEXCUBE Universal Banking Account Origination	
7	Oracle FLEXCUBE Universal Banking Retail Loan Origination	

1

1 Oracle FLEXCUBE Universal Banking Loans module is available as (i) Oracle FLEXCUBE Universal Banking Retail and Small and Medium Enterprise Loans, licensable by the Account metric, in the Enterprise Price List; and as (ii) Oracle FLEXCUBE Universal Banking Commercial Loans, licensable by the Application User metric, in the Component Price List.

Sl. No.	Module Description	Licensing Rule(s)
Corporate Modules		
8	Oracle FLEXCUBE Universal Banking Funds Transfer	If the customer is using Universal Banking for Corporate programs, these applications may only be licensed by the Application User. However, if the customer is using Universal Banking for Retail, and is not using Universal Banking for Corporate, then a customer may license these programs under the Account metric.
9	Oracle FLEXCUBE Universal Banking Electronic Messaging Service	
10	Oracle FLEXCUBE Universal Banking Nostro Reconciliation	
11	Oracle FLEXCUBE Universal Banking Cash Management	
12	Oracle FLEXCUBE Universal Banking Commercial Leasing	
13	Oracle FLEXCUBE Universal Banking Integration Gateway	
14	Oracle FLEXCUBE Universal Banking Commercial Loans Origination	

2.3 Components Included in License

The following components are included in the Oracle FLEXCUBE Universal Banking license:

1. **Limits & Collateral Management:** is embedded within Oracle FLEXCUBE Universal Banking Base license for specific use within Oracle FLEXCUBE Universal Banking.
2. **Signature Verification:** is included with Oracle FLEXCUBE Universal Banking Current Accounts and Savings Accounts license
3. **Utility Payments:** is included with Oracle FLEXCUBE Universal Banking Branch license
4. **Islamic Banking Support:** The following Oracle FLEXCUBE Universal Banking module licenses have support for Islamic Banking.
 - Oracle FLEXCUBE Universal Banking Base
 - Oracle FLEXCUBE Universal Banking Asset Management
 - Oracle FLEXCUBE Universal Banking Bills and Collection
 - Oracle FLEXCUBE Universal Banking Cash Management
 - Oracle FLEXCUBE Universal Banking Collections
 - Oracle FLEXCUBE Universal Banking Current Accounts and Savings Accounts
 - Oracle FLEXCUBE Universal Banking Fixed Assets
 - Oracle FLEXCUBE Universal Banking Letters of Credit
 - Oracle FLEXCUBE Universal Banking Money Markets
 - Oracle FLEXCUBE Universal Banking Relationship Pricing
 - Oracle FLEXCUBE Universal Banking Retail and Small and Medium Enterprise Loans
 - Oracle FLEXCUBE Universal Banking Retail Loan Origination
 - Oracle FLEXCUBE Universal Banking Swaps and Forward Rate Agreements

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 FLEXCUBE Universal Banking Base	<ul style="list-style-type: none"> Oracle FLEXCUBE Development Workbench for Universal Banking 	<ul style="list-style-type: none"> Application User Custom Suite User Account
Oracle Oacle FLEXCUBE Universal Banking Current Accounts and Savings Accounts	<ul style="list-style-type: none"> Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> Application User Custom Suite User Account
Oracle FLEXCUBE Universal Banking Relationship Pricing	<ul style="list-style-type: none"> Oracle FLEXCUBE Universal Banking Base Either Oracle FLEXCUBE Universal Banking Current Accounts & Savings Accounts OR Oracle FLEXCUBE Universal Banking Term Deposits 	<ul style="list-style-type: none"> Account
Oracle FLEXCUBE Universal Banking Term Deposits	<ul style="list-style-type: none"> Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> Account
Oracle FLEXCUBE Universal Banking Retail and Small and Medium Enterprise Loans	<ul style="list-style-type: none"> Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> Account
Oracle FLEXCUBE Universal Banking Payments and Collections	<ul style="list-style-type: none"> Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> Application User Custom Suite User Account
Oracle FLEXCUBE Universal Banking Funds Transfer	<ul style="list-style-type: none"> Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> Application User Custom Suite User Account
Oracle FLEXCUBE Universal Banking Electronic Messaging Service	<ul style="list-style-type: none"> Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> Application User Custom Suite User Account

Module Description	Separately Licensed Prerequisites	Licensing Metric(s)
Oracle FLEXCUBE Universal Banking Nostro Reconciliation	<ul style="list-style-type: none"> Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> Application User Custom Suite User Account
Oracle FLEXCUBE Universal Banking Standing Instructions	<ul style="list-style-type: none"> Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> Application User Custom Suite User Account
Oracle FLEXCUBE Universal Banking Cash Management	<ul style="list-style-type: none"> Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> Application User Custom Suite User Account
Oracle FLEXCUBE Universal Banking Branch	<ul style="list-style-type: none"> Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> Account
Oracle FLEXCUBE Universal Banking ATM Interface	<ul style="list-style-type: none"> Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> Account
Oracle FLEXCUBE Universal Banking Point of Sale Interface	<ul style="list-style-type: none"> Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> Account
Oracle FLEXCUBE Universal Banking Interactive Voice Response Interface	<ul style="list-style-type: none"> Oracle FLEXCUBE Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> Account
Oracle FLEXCUBE Universal Banking Mortgages	<ul style="list-style-type: none"> Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> Account
Oracle FLEXCUBE Universal Banking Consumer Leasing	<ul style="list-style-type: none"> Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> Account
Oracle FLEXCUBE Universal Banking Commercial Leasing	<ul style="list-style-type: none"> Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> Application User Custom Suite User Account
Oracle FLEXCUBE Universal Banking Inventory Management	<ul style="list-style-type: none"> Oracle FLEXCUBE Universal Banking Base Oracle FLEXCUBE Universal Banking Current Accounts & Savings Accounts 	<ul style="list-style-type: none"> Account
Oracle FLEXCUBE Universal Banking Collections	<ul style="list-style-type: none"> Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> Application User Custom Suite User Account

Module Description	Separately Licensed Prerequisites	Licensing Metric(s)
Oracle FLEXCUBE Universal Banking Microfinance	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base • Oracle FLEXCUBE Universal Banking Current Accounts and Savings Accounts • Oracle FLEXCUBE Universal Banking Term Deposits • Oracle FLEXCUBE Universal Banking Retail and Small and Medium Enterprise Loans 	<ul style="list-style-type: none"> • Account
Oracle FLEXCUBE Universal Banking Safe Deposit Box	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Account
Oracle FLEXCUBE Universal Banking Corporate Deposits	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Application User • Custom Suite User
Oracle FLEXCUBE Universal Banking Commercial Loans	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Application User • Custom Suite User
Oracle FLEXCUBE Universal Banking Loan Syndication	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Application User • Custom Suite User
Oracle FLEXCUBE Universal Banking Bills & Collection	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Application User • Custom Suite User
Oracle FLEXCUBE Universal Banking Letters of Credit	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Application User • Custom Suite User
Oracle FLEXCUBE Universal Banking Foreign Exchange	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Application User • Custom Suite User
Oracle FLEXCUBE Universal Banking Money Markets	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Application User • Custom Suite User
Oracle FLEXCUBE Universal Banking Swaps and Forward Rate Agreements	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Application User • Custom Suite User
Oracle FLEXCUBE Universal Banking Exchange Traded Derivatives for Commodities Futures and Options	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Application User • Custom Suite User

Module Description	Separately Licensed Prerequisites	Licensing Metric(s)
Oracle FLEXCUBE Universal Banking Exchange Traded Derivatives for Currency Futures and Options	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Application User • Custom Suite User
Oracle FLEXCUBE Universal Banking Exchange Traded Derivatives for Equity and Index Futures and Options	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Application User • Custom Suite User
Oracle FLEXCUBE Universal Banking Exchange Traded Derivatives for Interest Rate Futures and Options	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Application User • Custom Suite User
Oracle FLEXCUBE Universal Banking Over the Counter Currency Options	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Application User • Custom Suite User
Oracle FLEXCUBE Universal Banking Over the Counter Interest Rate Options	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Application User • Custom Suite User
Oracle FLEXCUBE Universal Banking Securities	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Application User • Custom Suite User
Oracle FLEXCUBE Universal Banking Fixed Assets	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Application User • Custom Suite User

Module Description	Separately Licensed Prerequisites	Licensing Metric(s)
Oracle FLEXCUBE Universal Banking Asset Management	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base and EITHER of the below modules <ul style="list-style-type: none"> – Oracle FLEXCUBE Universal Banking Securities – Oracle FLEXCUBE Universal Banking Exchange Traded Derivatives for Interest Rate Futures and Options, – Oracle FLEXCUBE Universal Banking Exchange Traded Derivatives for Currency Futures and Options – Oracle FLEXCUBE Universal Banking Exchange Traded Derivatives for Equity and Index Futures and Options – Oracle FLEXCUBE Universal Banking Exchange Traded Derivatives for Commodities Futures and Options – Oracle FLEXCUBE Universal Banking Over the Counter Currency Options – Oracle FLEXCUBE Universal Banking Over the Counter Interest Rate Options – Oracle FLEXCUBE Universal Banking Swaps and Forward Rate Agreements 	<ul style="list-style-type: none"> • Application User • Custom Suite User
Oracle FLEXCUBE Universal Banking Expense Processing	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Application User • Custom Suite User

Module Description	Separately Licensed Prerequisites	Licensing Metric(s)
Oracle FLEXCUBE Universal Banking Origination		
Oracle FLEXCUBE Universal Banking Account Origination	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base • Oracle FLEXCUBE Universal Banking Current Accounts & Savings Accounts 	<ul style="list-style-type: none"> • Application User • Custom Suite User • Account
Oracle FLEXCUBE Universal Banking Term Deposits Origination	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base • Oracle FLEXCUBE Universal Banking Term Deposit 	<ul style="list-style-type: none"> • Account
Oracle FLEXCUBE Universal Banking Letters of Credit Origination	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base • Oracle FLEXCUBE Universal Banking Letters of Credit 	<ul style="list-style-type: none"> • Application User • Custom Suite User
Oracle FLEXCUBE Universal Banking Retail Loan Origination	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Application User • Custom Suite User • Account
Oracle FLEXCUBE Universal Banking Commercial Loans Origination	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Application User • Custom Suite User • Account
Oracle FLEXCUBE Open Development Tools		
Oracle FLEXCUBE Development Workbench for Universal Banking	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Application User
Oracle FLEXCUBE Testing Workbench for Universal Banking	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Application User
Oracle FLEXCUBE Interfaces and Tools		
Oracle FLEXCUBE Universal Banking Integration Gateway	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Application User • Custom Suite User • Account • Processor

Module Description	Separately Licensed Prerequisites	Licensing Metric(s)
Oracle FLEXCUBE Universal Banking Connector for Oracle Identity Manager	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Connector
Oracle FLEXCUBE Information Server		
Oracle FLEXCUBE Information Server Base for Universal Banking	<ul style="list-style-type: none"> • Oracle FLEXCUBE Universal Banking Base 	<ul style="list-style-type: none"> • Account
Oracle FLEXCUBE Information Server Retail Liabilities Data Mart for Universal Banking	<ul style="list-style-type: none"> • Oracle FLEXCUBE Information Server Base for Universal Banking • Oracle FLEXCUBE Universal Banking Current Accounts and Savings Accounts • Oracle FLEXCUBE Universal Banking Term Deposits 	<ul style="list-style-type: none"> • Account
Oracle FLEXCUBE Information Server Retail Assets Data Mart for Universal Banking	<ul style="list-style-type: none"> • Oracle FLEXCUBE Information Server Base for Universal Banking • Oracle FLEXCUBE Universal Banking Current Accounts and Savings Accounts • Oracle FLEXCUBE Universal Banking Retail and Small and Medium Enterprises Loans 	<ul style="list-style-type: none"> • Account

2.5 Restricted Use License

Not applicable for the Oracle FLEXCUBE Universal Banking Products.

3. Software Pre-requisites

Following are the separately licensable software pre-requisites for Oracle FLEXCUBE Universal Banking Products.

3.1 Software Pre-requisites

Component	Deployment option	Machine	Operating System	Software	Version
Oracle FLEX-CUBE Universal Banking	UI-Host and centralized	Application server	Oracle Enterprise Linux Server 6.6(64 Bit)	Fujitsu Interstage Application Server- Enterprise Edition - Java EE 6 (JDK 1.7.0_09)	11.1
				Oracle Toplink	11.1.1.6.0
				Open Symphony Quartz	2.2.1
				Oracle 12c RDBMS Enterprise Edition	12.1.0.2.0
				Oracle BI Publisher 11g	11.1.1.7.0
				Oracle Weblogic Server 11g	10.3.6
		Client Machines	Windows 7	Internet Explorer	11
				Mozilla Firefox	42
				Google Chrome	47
			Windows 8	Internet Explorer	11

Component	Deployment option	Machine	Operating System	Software	Version
		Single Sign On Server	Oracle Enterprise Linux Server 6.6(64 Bit)	JDK 1.7	JDK 1.7 Update 80
				Oracle Weblogic Server 11g	10.3.6
				RCU Utility (Windows)	11.1.2.2.0
				Oracle Identity Management	11.1.2.2.0
				Oracle SOA	11.1.1.7.0
				Oracle Identity And Access Management	11.1.2.2.0
				Oracle Identity And Access Management Patch-set	18333689 , 19269297 , 18662903
				Oracle Webtier Utilities	11.1.1.7.0
				Oracle Webtier Patch	p14264658
				Oracle Webgate	11.1.2.2.0
		OID Connector	11.1.1.6.0		

Component	Deployment option	Machine	Operating System	Software	Version
Oracle FLEX-CUBE Universal Banking Integration Gateway	Web services (incoming)	Integration Server	Oracle Enterprise Linux Server 6.6(64 Bit)	Fujitsu Interstage Application Server-Enterprise Edition - Java EE 6 (JDK 1.7.0_09)	11.1
	HTTP Servlet (incoming)				
	EJB (incoming)				
	MDB (incoming)	Integration Server		Fujitsu Interstage Application Server-Enterprise Edition - Java EE 6 (JDK 1.7.0_09)	11.1
	Notifications (outgoing)	Integration Server		Fujitsu Interstage Application Server-Enterprise Edition - Java EE 6 (JDK 1.7.0_09)	11.1
Oracle FLEX-CUBE Universal Banking Switch Integration Gateway	Switch Integration Gateway	Integration Server		JDK 1.7	JDK 1.7 Update 80
				Apache Ant	1.9.3

Compatible Operating Systems is Oracle Enterprise Linux 6.6.

3.2 Module-wise Software Pre-requisites

Product Name	Product Version	Requirements
Oracle Jdeveloper	11.1.1.7.0	Optional – Required only if Originations are licensed

Product Name	Product Version	Requirements
Oracle Weblogic Server	10.3.6.0	Optional - Oracle FLEXCUBE supports both Weblogic and Web-sphere
JDK 1.7	JDK 1.7 Update 80	Standard Oracle FLEXCUBE requirement
Oracle Business Intelligence Publisher	11.1.1.7.0	Standard Oracle FLEXCUBE requirement
Oracle Identity and Access Management	11.1.2.2.0	Optional – Only if SSO is required
Oracle Identity Management	11.1.2.2.0	Optional – Only if SSO is required
Oracle Repository Creation Utility	11.1.2.2.0	Optional – Required only if SSO is required
OBIEE	11.1.1.7.0	Standard Oracle FLEXCUBE requirement

4. Third Party Licenses

4.1 Introduction

This chapter provides information on licensing of third party software that are packaged with Oracle FLEXCUBE Universal Banking. It contains the following sections:

- Apache License 2.0
- Apache License 1.1
- GNU Lesser General Public License 2.1
- MIT License
- BSD-Style License
- Third Party Libraries
- JTA 1.1

4.2 Apache License 2.0

Apache Xalan (Xalan serializer)

Copyright 1999-2006 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

Portions of this software was originally based on the following:

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software copyright (c) 2003, IBM Corporation., <http://www.ibm.com>.

The binary distribution package (ie. jars, samples and documentation) of this product includes software developed by the following:

The Apache Software Foundation

Xerces Java - see LICENSE.txt

JAXP 1.3 APIs - see LICENSE.txt

Bytecode Engineering Library - see LICENSE.txt

Regular Expression - see LICENSE.txt

Scott Hudson, Frank Flannery, C. Scott Ananian

CUP Parser Generator runtime (javacup\runtime) - see LICENSE.txt

The source distribution package (ie. all source and tools required to build Xalan Java) of this product includes software developed by the following:

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Xerces Java - see LICENSE.txt

JAXP 1.3 APIs - see LICENSE.txt

Bytecode Engineering Library - see LICENSE.txt

Regular Expression - see LICENSE.txt

Ant - see LICENSE.txt

Stylebook doc tool - see LICENSE.txt

Elliot Joel Berk and C. Scott Ananian

Lexical Analyzer Generator (JLex) - see LICENSE.txt

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Apache log4j

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The Apache Software Foundation (<http://www.apache.org/>).

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resolver.jar from Apache Xml Commons project, Copyright (c) 2001-2003 Apache Software Foundation

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JSR-173 Streaming API for XML from <http://sourceforge.net/projects/xmlpullparser/>, Copyright 2005 BEA under the terms of the Apache Software License 2.0

Apache POI

Copyright 2009 The Apache Software Foundation

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4.7 Third Party Libraries

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

- Apache 2.0
- Apache 1.0
- Lesser General Public License 2.1

4.7.1 **Apache 2.0**

The following libraries include software developed by The Apache Software Foundation (<http://www.apache.org/>).

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- commons-collections.jar
- commons-dbcp-2.1.jar
- httpclient-4.3.6.jar
- httpcore-4.3.3.jar
- commons-fileupload-1.3.1.jar
- commons-logging-1.1.3.jar
- commons-pool-2.2.jar
- commons-net-3.3.jar
- commons-transaction-1.2.jar
- poi-3.12-20120326.jar
- poi-ooxml-3.12-20120326.jar
- poi-ooxml-schemas-3.12-20120326.jar
- Quartz 2.2.1.jar
- serializer2.7.1.jar
- xalan 2.7.1.jar
- commons-codec-1.9.jar
- commons-io-2.4.jar
- xercesImpl 2.11.jar
- xml-apis 1.4.01.jar
- log4j 1.2.17.jar
- xmlbeans-2.6.0.jar
- pjl-comp-filter-1.8.1
- Ant 1.9.3

4.7.2 **Apache 1.1**

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- commons-discovery-0.5.jar
- resolver 1.2.jar

4.7.3 **Lesser General Public License 2.1**

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- swing-layout-1.0.4.jar

4.7.4 **MIT License**

The below libraries includes software developed by SLF4J (<http://www.slf4j.org/>).

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- slf4j-api-1.7.7.jar
- slf4j-log4j12-1.7.7.jar

4.7.5 **BSD-Style License**

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- dom4j-1.6.1.jar

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

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- yuicompressor-2.4.8.jar

The below libraries includes software developed by Ben Litchfield (newer versions are in Apache)

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- FontBox-0.1.0.jar
- PDFBox-0.7.3.jar

4.7.6 **Third Party Products**

Following are the third party components used in the product. The utilization is subjected to respective rule as per third party vendor policy.

Vendor Name	Licensed Technology	Version
Apache	Ant	1.9.3
Apache	Apache Commons Transaction 1.2	1.2
Apache	commons-io	2.4
Apache	Apache POI	3.12
Apache	Apache XMLBeans	2.6.0
Apache	Commons Codec	1.9
Apache	Commons-Collections	4
Apache	Commons FileUpload	1.3.1
Apache	Commons HttpClient	4.3.6

Vendor Name	Licensed Technology	Version
The Apache Software Foundation	Commons Logging	1.1.3
Apache	Commons Net	3.3
Apache	Fontbox	0.1.0
Apache	HttpComponents Core	4.3.3
Apache	Jakarta Commons DBCP	2.1
Apache	Xalan	2.7.1
Apache	Commons Pool	2.2
Apache	serializer-2.7.1.jar	2.7.1
Apache	xercesImpl.jar	2.11
Apache	xml-apis.jar	1.4.01
Apache	xml-commons-resolver	1.2
The Apache Software Foundation	Log4J	1.2.17
The Apache Software Foundation	commons-discovery-0.5.jar	0.5
Apache	dbcp (commons-dbcp-1.2.1.jar)	1.2.1
Fujitsu Software Technology Corporation	Interstage Application Server (IAS) Enterprise Edition	11.1.0
MetaStuff, Ltd.	Dom4j	1.6.1
Terracotta, Inc.	Quartz	2.2.1
PDFBox	PDFBox Library	0.7.3
Sean Owen	PJL Compressing Filter	1.8.1
Sun	Swing Layout	1.0.4
Yahoo	YUI Compressor	2.4.8
QOS.ch	slf4j-api	1.7.7 (update to 1.7.5 LT 17453)
SLF4J	slf4j-api-1.6.1.jar	1.6.1
SLF4J	slf4j-log4j12	1.7.7
Oracle (Sun)	JTA	1.1