

**Oracle® Financial Services
Analytical Applications**

Licensing Information User Manual

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Introduction

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Licensing Information

Product	Sub product	Licensing Description
Oracle Financial Services Analytical Applications 8.0.0.0.0	Oracle Financial Services Advanced Analytical Applications Infrastructure	<p>Products Included In The Application Pack</p> <p>Each Oracle Financial Services Advanced Analytical Applications Infrastructure (OFS AAI) Application Pack includes the following applications:</p> <ul style="list-style-type: none"> • Analytical Applications Infrastructure • Enterprise Modeling • Inline Processing Engine <p>Prerequisites</p> <ul style="list-style-type: none"> • Operating System <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux (x86-64) ○ Oracle Solaris(SPARC) ○ IBM AIX (PowerPC) ○ Shell • Java Runtime Environment <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux ○ Oracle Solaris ○ IBM AIX • Oracle Database Server and Client • OLAP <ul style="list-style-type: none"> ○ Oracle Hyperion Essbase ○ Oracle OLAP • Web Server <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux ○ Oracle Solaris ○ IBM AIX • Web Application Server <ul style="list-style-type: none"> ○ WebLogic ○ WebSphere ○ Apache Tomcat <p>Third party software tools used in the Application Pack</p> <ul style="list-style-type: none"> • Apache (Ant 1.7, 1.6.2; Apache POI 3.6; Commons-File upload1.0; Log4J (1.2.8, 1.2.13, 1.2.15, 1.3); Xalan Java 2.7.1; Xalan-Java2 2.7; Xerces 1.1, C++,1.6, 2.4, 2.5, 2.6, 2.7, 2.7.0; Avalon-framework-4.1.3.jar; fop.jar 1.0; Jakarta-oro 2.0.8; commons-discovery-0.2.jar) • Cloudera Standard—Apache Hadoop CDH4 • Jackson 2.4.3 • gnuplot 4.6 and later • JDOM 1.1 • Dom4j 1.6.1 • DMC Mark8, NagC Mark 8 • relaxingDatatype.jar

Product	Sub product	Licensing Description
		<ul style="list-style-type: none"> • YUI (Yahoo User Interface) Library (2.5.2, 2.6) • JDT Compiler 5.5
	Oracle Financial Services Data Management	<p>Products Included In The Application Pack</p> <p>Each Oracle Financial Services Data Management (OFS DM) Application Pack includes the following applications:</p> <ul style="list-style-type: none"> • Financial Services Reconciliation Framework <p>Prerequisites</p> <ul style="list-style-type: none"> • Operating System • Java Runtime Environment • Oracle Database Server and Client • OLAP • Web Server/ Web Application Server • Desktop Requirements • Directory Services <p>Third party software tools used in the Application Pack</p> <ul style="list-style-type: none"> • Apache (Sturts 2 (2.3.16.3); Log4J (1.2.8, 1.2.13, 1.2.15, 1.3); XWork 2.3.16.3; Commons-lang3 (3.1); Commons-beanutils-1.8.3)
	Oracle Financial Services Asset and Liability Management Applications	<p>Products Included In The Application Pack</p> <p>Each Oracle Financial Services Asset and Liability Management (OFS ALM) Application Pack includes the following applications:</p> <ul style="list-style-type: none"> • Oracle Financial Services Analytical Applications Infrastructure (OFS AAI) • Oracle Financial Services Asset Liability Management (OFS ALM) • Oracle Financial Services Asset Liability Management Analytics (OFS ALMBI) <p>Prerequisites</p> <ul style="list-style-type: none"> • Operating System <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux (x86-64) ○ Oracle Solaris(SPARC) ○ IBM AIX (PowerPC) ○ Shell • Java Runtime Environment <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux ○ Oracle Solaris ○ IBM AIX • Oracle Database Server and Client

Product	Sub product	Licensing Description
		<ul style="list-style-type: none"> • OLAP <ul style="list-style-type: none"> ○ Oracle Hyperion Essbase ○ Oracle OLAP • Web Server <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux ○ Oracle Solaris ○ IBM AIX • Web Application Server <ul style="list-style-type: none"> ○ WebLogic ○ WebSphere ○ Apache Tomcat <p>Third party software tools used in the Application Pack</p> <ul style="list-style-type: none"> • Apache (Sturts 2 (2.3.16.3); XWork 2.3.16.3; Commons-lang3 (3.1); Commons-logging 1.1.3 • FreeMarker 2.3.19
	Oracle Financial Services Balance Sheet Planning	<p>Products Included In The Application Pack</p> <p>Each Oracle Financial Services Balance Sheet Planning (OFS BSP) Application Pack includes the following application:</p> <ul style="list-style-type: none"> • Oracle Financial Services Balance Sheet Planning (OFS BSP) <p>Prerequisites</p> <ul style="list-style-type: none"> • Hyperion 11.1.2.4 • Two Database users / schemas <p>Third party software tools used in the Application Pack</p> <p>None</p>
	Oracle Financial Services Behavior Detection Applications	<p>Products Included In The Application Pack</p> <p>Each Oracle Financial Services Behavior Detection (OFS BD) Applications Pack includes the following application:</p> <ul style="list-style-type: none"> • Oracle Financial Services Inline Processing Engine (OFS IPE) • Oracle Financial Services Anti-Money Laundering (OFS AML) • Oracle Financial Services Fraud Management Enterprise Edition (OFS FM EE) • Oracle Financial Services Trading Compliance (OFS TC) • Oracle Financial Services Trade Blotter (OFS TB) • Oracle Financial Services Personal Trading Approval (OFS PTA) • Oracle Financial Services Broker Compliance (OFS BC) • Oracle Financial Services Energy and Commodity Trading Compliance (OFS ECTC)

Product	Sub product	Licensing Description
		<ul style="list-style-type: none"> • Oracle Financial Services Enterprise Case Management (OFS ECM) • Oracle Financial Services Know Your Customer (OFS KYC) • Oracle Financial Services Currency Transaction Reporting (OFS CTR) • Oracle Financial Services Foreign Account Tax Compliance Act (OFS FATCA) Management <p>Prerequisites</p> <ul style="list-style-type: none"> • Operating System <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux (x86-64) ○ Oracle Solaris(SPARC) ○ IBM AIX (PowerPC) ○ Shell • Java Runtime Environment <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux ○ Oracle Solaris ○ IBM AIX • Oracle Database Server and Client • Web Server <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux ○ Oracle Solaris • Web Application Server <ul style="list-style-type: none"> ○ WebLogic ○ WebSphere ○ Apache Tomcat <p>Third party software tools used in the Application Pack</p> <ul style="list-style-type: none"> • Apache (Ant (1.7, 1.6.2); Commons CSV 1.0; Xalan 2.7.1; Xerces 2.8.1, 2.0.1; dbcp (commons-dbc-1.2.1.jar); Jakarta-commons-digester1.7; Jakarta-commons-discovery 0.4; Spring-web.jar 2.0) • JSch 0.1.4.9 • GNU make 3.82 • jaxen-core.jar 1.0, jaxen-jdom.jar 1.1.6 • Saxpath (Simple API for Xpath) 1.0
	Oracle Financial Services Compliance Regulatory Reporting Application	<p>Products Included In The Application Pack</p> <p>Each Oracle Financial Services Compliance Regulatory Reporting Application Pack includes the following application:</p> <ul style="list-style-type: none"> • Compliance Regulatory Reporting <p>Prerequisites</p> <ul style="list-style-type: none"> • Operating System <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux (x86-64) • Java Runtime Environment

Product	Sub product	Licensing Description
		<ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux ○ Oracle Solaris ○ IBM AIX ● Oracle Database Server and Client ● Web Server/Web Application Server <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux ○ Oracle Solaris ○ IBM AIX <p>Third party software tools used in the Application Pack None</p>
	<p>Oracle Financial Services Capital Adequacy Applications</p>	<p>Products Included In The Application Pack Each Oracle Financial Services Capital Adequacy (OFS CAPADQ) Application Pack includes the following application:</p> <ul style="list-style-type: none"> ● Oracle Financial Services Economic Capital Advanced ● Oracle Financial Services Basel Regulatory Capital Basic ● Oracle Financial Services Basel Regulatory Capital Internal Ratings Based Approach ● Oracle Financial Services Basel Regulatory Capital Analytics ● Oracle Financial Services Operational Risk Economic Capital ● Oracle Financial Services Retail Portfolio Risk Models and Pooling <p>Prerequisites</p> <ul style="list-style-type: none"> ● Operating System ● Java Runtime Environment ● Oracle Database Server and Client ● OLAP ● Web Server/ Web Application ● Server ● Desktop Requirements ● Directory Services <p>Third party software tools used in the Application Pack</p> <ul style="list-style-type: none"> ● NagC Mark8, DMC Mark8

Product	Sub product	Licensing Description
	Oracle Financial Services Credit Risk Management Applications	<p>Products Included In The Application Pack</p> <p>Each Oracle Financial Services Credit Risk Management (OFS CRM) Application Pack includes the following application:</p> <ul style="list-style-type: none"> • Oracle Financial Services Credit Risk Management <p>Prerequisites</p> <ul style="list-style-type: none"> • Operating System • Java Runtime • Environment • Oracle Database Server and Client • OLAP • Web Server/ Web Application Server • Desktop Requirements • Directory Services <p>Third party software tools used in the Application Pack</p> <p>None</p>
	Oracle Financial Services Customer Analytics Applications	<p>Product Included In The Application Pack</p> <p>Each Oracle Financial Services Customer Analytics (OFS CA) Application Pack includes the following application:</p> <ul style="list-style-type: none"> • Retail Customer Analytics <p>Prerequisites</p> <ul style="list-style-type: none"> • Operating System <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux (x86-64) ○ Oracle Solaris(SPARC) ○ IBM AIX (PowerPC) ○ Oracle Solaris v5.11 • Java Runtime Environment <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux ○ Oracle Solaris ○ IBM AIX • Oracle Database Server and Client • OLAP <ul style="list-style-type: none"> ○ Oracle Hyperion Essbase ○ Oracle OLAP • Web Server/Web Application Server <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux

Product	Sub product	Licensing Description
		<ul style="list-style-type: none"> ○ Oracle Solaris ○ IBM AIX <p>Third party software tools used in the Application Pack None</p>
	<p>Oracle Financial Services Data Integration</p>	<p>Products Included In The Application Pack</p> <p>Each Oracle Financial Services Data Integration (OFS DI) Application Pack includes the following application:</p> <ul style="list-style-type: none"> • Oracle Financial Services Data Integration • Oracle Financial Services DI Oracle Fusion Accounting Hub Interface • Oracle Financial Services DI Oracle FLEXCUBE Interface • Oracle Financial Services DI Oracle Data Relationship Management Interface • Oracle Financial Services DI Oracle Banking Platform <p>Prerequisites</p> <ul style="list-style-type: none"> • Operating System • Java Runtime Environment • Oracle Database Server and Client • OLAP • Web Server/ Web Application Server • Desktop Requirements • Directory Services <p>Third party software tools used in the Application Pack</p> <ul style="list-style-type: none"> • Apache (Log4J (1,2,16); Sturts 2 (2.3.16.3); XWork 2.3.16.3)
	<p>Oracle Financial Services Enterprise Stress Testing and Capital Planning Applications</p>	<p>Products Included In The Application Pack</p> <p>Each Oracle Financial Services Enterprise Stress Testing and Capital Planning (OFS ESTCP) Application Pack includes the following applications:</p> <ul style="list-style-type: none"> • Oracle Financial Services Enterprise Stress Testing and Capital Planning Analytics (OFS EST&CP)

Product	Sub product	Licensing Description
		<ul style="list-style-type: none"> • Oracle Financial Services ICAAP Analytics <p>Prerequisites</p> <ul style="list-style-type: none"> • Operating System • Java Runtime Environment • Oracle Database Server and Client • OLAP • Web Server/ Web Application Server • Desktop Requirements • Directory Services <p>Third party software tools used in the Application Pack</p> <p>None</p>
	Oracle Financial Services Foundation Applications	<p>Products Included In The Application Pack</p> <p>Each Oracle Financial Services Data Foundation (OFSDF) Applications Application Pack includes the following applications:</p> <ul style="list-style-type: none"> • Oracle Financial Services Data Foundation <p>Prerequisites</p> <ul style="list-style-type: none"> • Operating System • Java Runtime Environment • Oracle Database Server and Client • OLAP • Web Server/ Web Application • Server • Desktop Requirements • Directory Services <p>Third party software tools used in the Application Pack</p> <p>None</p>
	Oracle Financial Services Governance Risk and Compliance Applications	<p>Products Included In The Application Pack</p> <p>Each Oracle Financial Services Governance Risk and Compliance (OFS GRC) Applications Application Pack includes the following applications:</p> <ul style="list-style-type: none"> • Oracle Financial Services Operational Risk (OR) • Oracle Financial Services Governance and

Product	Sub product	Licensing Description
		<p>Compliance Management (GCM)</p> <ul style="list-style-type: none"> • Oracle Financial Services Operational Risk Analytics (ORA) • Oracle Financial Services Enterprise Risk Assessment (ERA) • Oracle Financial Services Model Risk Management (MRM) <p>Prerequisites</p> <ul style="list-style-type: none"> • Operating System <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux (x86-64) ○ Oracle Solaris(SPARC) ○ IBM AIX (PowerPC) ○ Shell • Java Runtime Environment <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux ○ Oracle Solaris ○ IBM AIX • Oracle Database Server and Client • Web Server <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux ○ Oracle Solaris ○ IBM AIX • Web Application Server <ul style="list-style-type: none"> ○ WebLogic ○ WebSphere ○ Apache Tomcat <p>Third party software tools used in the Application Pack</p> <ul style="list-style-type: none"> • Apache (Commons-collections 3.2.1; Commons-lang3 (3.1); Commons-logging 1.1.3; Json-lib-2.2.2-jdk15; Commons-beanutils-1.7) • Eclipselink 1.1.2
	<p>Oracle Financial Services International Financial Reporting Standards Application</p>	<p>Products Included In The Application Pack</p> <p>Each Oracle Financial Services International Financial Reporting Standards (OFS IFRS) Applications Application Pack includes the following applications:</p> <ul style="list-style-type: none"> • Oracle Financial Services Loan Loss Forecasting and Provisioning • Oracle Financial Services Hedge Management and IFRS Valuations

Product	Sub product	Licensing Description
		<p>Prerequisites</p> <ul style="list-style-type: none"> • Operating System • Java Runtime Environment • Oracle Database Server and Client • OLAP • Web Server/ Web Application Server • Desktop Requirements • Directory Services <p>Third party software tools used in the Application Pack</p> <ul style="list-style-type: none"> • Apache (Sturts 2 (2.3.16.3); XWork 2.3.16.3; Commons-lang3 (3.1); Commons-logging 1.1.3) • FreeMarker 2.3.19
	Oracle Financial Services Pricing Management Applications	<p>Products Included In The Application Pack Each Oracle Financial Services Pricing Management (OFS PM) Applications Application Pack includes the following applications:</p> <ul style="list-style-type: none"> • Oracle Financial Services Pricing Management <p>Prerequisites</p> <ul style="list-style-type: none"> • Operating System <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux (x86-64) ○ Oracle Solaris(SPARC) ○ IBM AIX (PowerPC) ○ Shell • Java Runtime Environment <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux ○ Oracle Solaris ○ IBM AIX • Oracle Database Server and Client • OLAP <ul style="list-style-type: none"> ○ Oracle Hyperion Essbase ○ Oracle OLAP • Web Server <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux ○ Oracle Solaris ○ IBM AIX • Web Application Server <ul style="list-style-type: none"> ○ WebLogic ○ WebSphere ○ Apache Tomcat

Product	Sub product	Licensing Description
	Oracle Financial Services Profitability Applications	<p>Third party software tools used in the Application Pack</p> <ul style="list-style-type: none"> • Apache (Sturts 2 (2.3.16.3); Log4J (1.2.8, 1.2.13, 1.2.15, 1.3); Commons-beanutils-1.8.3; Commons-lang3 (3.1); XWork 2.3.16.3) <p>Products Included In The Application Pack</p> <p>Each Oracle Financial Services Profitability Applications Pack includes the following applications:</p> <ul style="list-style-type: none"> • Oracle Financial Services Analytical Applications Infrastructure (OFS AAI) • Oracle Financial Services Funds Transfer Pricing (OFS FTP) • Oracle Financial Services Profitability Management (OFS PFT) • Oracle Financial Services Institutional Performance Analytics (OFS IPA) • Oracle Financial Services Retail Performance Analytics (OFS RPA) • Oracle Financial Services Enterprise Financial Performance Analytics (OFS EFPA) <p>Prerequisites</p> <ul style="list-style-type: none"> • Operating System <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux (x86-64) ○ Oracle Solaris(SPARC) ○ IBM AIX (PowerPC) ○ Shell • Java Runtime Environment <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux ○ Oracle Solaris ○ IBM AIX • Oracle Database Server and Client • OLAP <ul style="list-style-type: none"> ○ Oracle Hyperion Essbase ○ Oracle OLAP • Web Server <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux ○ Oracle Solaris ○ IBM AIX • Web Application Server <ul style="list-style-type: none"> ○ WebLogic ○ WebSphere ○ Apache Tomcat <p>Third party software tools used in the Application Pack</p> <ul style="list-style-type: none"> • Apache (Sturts 2 (2.3.16.3); Commons-lang3

Product	Sub product	Licensing Description
		<p>(3.1); XWork 2.3.16.3; Commons-logging 1.1.3)</p> <ul style="list-style-type: none"> • FreeMarker 2.3.19
	Oracle Financial Services Treasury Risk Applications	<p>Products Included In The Application Pack</p> <p>Each Oracle Financial Services Treasury Risk (OFS TR) Applications Pack includes the following applications:</p> <ul style="list-style-type: none"> • Oracle Financial Services Liquidity Risk Management • Oracle Financial Services Market Risk • Oracle Financial Services Market Risk Analytics <p>Prerequisites</p> <ul style="list-style-type: none"> • Operating System • Java Runtime Environment • Oracle Database Server and Client • OLAP • Web Server/ Web Application • Server • Desktop Requirements • Directory Services <p>Third party software tools used in the Application Pack</p> <ul style="list-style-type: none"> • Apache (Sturts 2 (2.3.16.3); Log4J (1.2.8, 1.2.13, 1.2.15, 1.3); Commons-lang3 (3.1); XWork 2.3.16.3; Xerces 1.1, C++,1.6, 2.4, 2.5, 2.6, 2.7, 2.7.0; XWork 2.3.16.3; Commons-beanutils-1.8.3) • Boost C++ libraries 1.38 • NagC Mark 8, DMC Mark 8
	Oracle Insurance Foundation Applications	<p>Products Included In The Application Pack</p> <p>Each Oracle Insurance Data Foundation (OIDF) Applications Pack includes the following application:</p> <ul style="list-style-type: none"> • Oracle Insurance Data Foundation <p>Prerequisites</p> <ul style="list-style-type: none"> • Operating System • Java Runtime Environment • Oracle Database Server and Client • OLAP

Product	Sub product	Licensing Description
		<ul style="list-style-type: none"> • Web Server/ Web Application • Server • Desktop Requirements • Directory Services <p>Third party software tools used in the Application Pack None</p>
	<p>Oracle Insurance Performance Insight for General Insurance</p>	<p>Products Included In The Application Pack</p> <p>Each Oracle Insurance Performance Insight for General Insurance Application Pack includes the following applications:</p> <ul style="list-style-type: none"> • Oracle Insurance Performance Insight for General Insurance <p>Prerequisites</p> <ul style="list-style-type: none"> • Operating System <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux (x86-64) ○ Oracle Solaris(SPARC) ○ IBM AIX (PowerPC) ○ Oracle Solaris v5.11 • Java Runtime Environment <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux ○ Oracle Solaris ○ IBM AIX • Oracle Database Server and Client • OLAP <ul style="list-style-type: none"> ○ Oracle Hyperion Essbase ○ Oracle OLAP • Web Server/Web Application Server <ul style="list-style-type: none"> ○ Oracle Linux / Red Hat Enterprise Linux ○ Oracle Solaris ○ IBM AIX <p>Third party software tools used in the Application Pack None</p>
	<p>Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack</p>	<p>Products Included In The Application Pack</p> <p>Each Oracle Financial Services Regulatory Reporting for US Federal Reserve – Lombard Risk Integration Pack (OFS RRS US FED) Application includes the following application:</p> <ul style="list-style-type: none"> • Oracle Financial Services Regulatory Reporting for US Federal Reserve Lombard Risk Integration

Product	Sub product	Licensing Description
		<p>Pack</p> <p>Prerequisites</p> <ul style="list-style-type: none"> • Operating System • Java Runtime Environment • Oracle Financial Services Data Foundation 8.0.1 Application Pack • Oracle Database Server and Client • OLAP • Web Server/ Web Application • Server • Desktop Requirements • Directory Services <p>Third party software tools used in the Application Pack</p> <p>None</p>
	<p>Oracle Financial Services Regulatory Reporting for Reserve Bank of India – Lombard Risk Integration Pack</p>	<p>Products Included In The Application Pack</p> <p>Each Oracle Financial Services Regulatory Reporting for Reserve Bank of India – Lombard Risk Integration Pack (OFS RRS RBI) Application includes the following application:</p> <ul style="list-style-type: none"> • Oracle Financial Services Regulatory Reporting for Reserve Bank of India Lombard Risk Integration Pack <p>Prerequisites</p> <ul style="list-style-type: none"> • Operating System • Java Runtime Environment • Oracle Financial Services Data Foundation 8.0.1 Application Pack • Oracle Database Server and Client • OLAP • Web Server/ Web Application • Server • Desktop Requirements • Directory Services <p>Third party software tools used in the Application Pack</p> <p>None</p>

Third-Party Notices

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Provider	Component(s)	Functionality	Licensing Information
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Open Source Software

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Provider	Component(s)	Functionality	Licensing Information
Apache Software Foundation	Ant (1.7, 1.6.2) Avalon-framework-4.1.3.jar Commons-beanutils-1.8.3 Commons-beanutils-1.7 Commons-collections 3.2.1 Commons CSV 1.0 commons-discovery-0.2.jar Commons-File upload1.0	Scripting Platform Platform Persistence Tier & Install	Copyright © 1999-2012 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 .

Provider	Component(s)	Functionality	Licensing Information
	Commons-lang3 (3.1) Commons-logging 1.1.3 dbcp (commons-dbc-1.2.1.jar) fop.jar 1.0 Jakarta-oro 2.0.8 Jakarta-commons-digester1.7 Jakarta-commons-discovery 0.4 Json-lib-2.2.2-jdk15 Log4J (1.2.8, 1.2.13, 1.2.15, 1.3) Log4J (1,2,16) POI 3.6 Spring-web.jar 2.0 Sturts 2 (2.3.16.3) Xalan 2.7.1 Xalan Java 2.7.1 Xalan-Java2 2.7 Xerces 2.8.1, 2.0.1 Xerces 1.1, C++, 1.6, 2.4, 2.5, 2.6, 2.7, 2.7.0 XWork 2.3.16.3		
Atsuhiko Yamanaka, JCraft, Inc.	JSch 0.1.4.9	Enables to connect to an sshd server and use port forwarding, X11 forwarding, file transfer, and so on.	Copyright (c) 2012, Marcin Mi³kowski For a copy of the license, see Atsuhiko Yamanaka, JCraft, Inc.
Boost	Boost C++	Family of class	Boost Software License - Version 1.0 -

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