Jaspersoft 4.7 Platform Support

Updated: June 29, 2012

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Overview

This document contains a list of platforms that are supported in editions of the Jaspersoft Version 4.7 product family.

Support Policies

1. Certification Levels. Platforms denoted as "Certified" are fully tested and supported by Jaspersoft. Platforms denoted as "Compatible" may be either: partially tested, tested in past releases, or noted as upward compatible by the platform vendor.

2. Product issues must be reproduced on a Certified platform as listed in this document; otherwise Jaspersoft will offer "Guidance Level" support as defined below:

    a) Jaspersoft Customer Support will log a case, collect the information and review it (without necessarily setting up the customer environment) to make educated suggestions as to what is happening and how to resolve the issue, but without any commitment to resolve the issue.
    b) Support may choose to review customers' configuration files or code snippets.
    c) Support will provide information on the technology such as FAQs, helpful websites, documentation references, etc. Support may also include research of other avenues including consultation with Jaspersoft Engineering, Sales Engineering and Professional Services.

Commercial and Community Editions

Unless specifically noted otherwise, the platforms listed in this document apply to both Commercial and Community editions of Jaspersoft products.

Application Servers

Application Server	Version	Commercial	Community
Apache/Jakarta Tomcat	5.5, 6.0, 7.0	Certified	Certified
JBoss AS	5.1, 7.1	Certified	
JBoss EAP	6	Certified	
IBM WebSphere (WAS)	7.0, 8.0	Planned for Version 4.7.1[1]	
GlassFish	2.1	Planned for Version 4.7.1[1]	
	3.0	Certified	
Oracle WebLogic Server	10.3.3 (aka 11gR1 PS2)	Certified	
	10.3.4 (aka 11gR1 PS3)	Certified	
	10.3.5	Certified	
SpringSource tc Server	2.0.x bundle (6.0.x runtime)	Compatible	
	2.1.5	Certified	

Web Browsers

Item	Version	Commercial	Community
Mozilla Firefox	3.5, 3.6	Certified	Certified
	4.0 or higher	Certified	Certified
Microsoft Internet Explorer	7	Certified	Certified
	8	Certified	Certified
	9.0	Certified	Certified
Apple Safari	4.0, 5.0	Certified	Certified
Google Chrome	6.0 or higher	Certified	Certified
Adobe Acrobat	7 or higher	Certified	Certified
Adobe Flash[2]	8 or higher	Certified	Certified
Apple iPad iOS Safari	4.x or higher	Certified	Certified

[1] Version 4.7.0 does not support the denoted platforms, these are planned for a subsequent Version 4.7.1 release.
[2] Required for rendering of the Professional Charts, Maps, and Widget components in reports.

Databases

		Commercial		Community	
Database	**Version**	**Data Source**	**Server Repository**	**Data Source**	**Server Repository**
Relational: JDBC 2.1 + SQL-92	See notes below for details	Compatible		Compatible	
Bean		Compatible		Compatible	
JNDI		Compatible		Compatible	
Jaspersoft OLAP (Mondrian) Connection		Compatible		Compatible	
XML/A Connection		Compatible		Compatible	
Custom (e.g. Hibernate, XML, etc.)		Compatible		Compatible	
MySQL (InnoDB storage engine)	5.0, 5.1	Certified	Certified		
	5.5	Certified	Certified		
Oracle RDBMS	10g R2, 11g R1, 11g R2	Certified	Certified		
PostgreSQL	8.4, 9.0, 9.1	Certified	Certified	Certified	Certified
IBM DB2	8.1	Compatible	Compatible		
	9.7	Certified	Certified		
Microsoft SQL Server	2005, 2008 R2	Certified	Certified		
Infobright	3.2	Certified			
	3.4	Certified			
Vertica	3.5	Certified			
	4.1	Certified			
	5.1	Certified			
JBoss Metamatrix Enterprise Data Services Platform	5.5.4[3]	Certified			
JBoss Teiid	7.2	Certified			
Greenplum Database	3.3	Certified			
	4.0	Certified			
Ingres Vectorwise	1.0, 2.0.2	Certified			
Netezza	6.0	Certified			
Hadoop Hive	Cloudera Version CDH3[4]	Certified			
Sybase ASE	15	Certified			
MongoDB	2.0[4]	Certified			

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[3] Currently supported commercial version of JDBC driver for JBoss Data Services 5.5.x works only under Java 5 (not Java 6).
[4] Supported as a data source for iReport and via Topics

- ➢ JasperReports Server data Domains and Jaspersoft OLAP (which both dynamically generate queries) work with any JDBC 2.1 and SQL-92 or higher compliant data source that support the following JDBC metadata methods and SQL syntax. Additionally supported data types and virtual objects are listed:

  - JDBC 2.1 metadata API methods
    - o `java.sql.DatabaseMetaData`
      - `getDatabaseProductName`
      - `getIdentifierQuoteString`
      - `storesUpperCaseIdentifiers`
      - `getMaxColumnNameLength`
      - `getSchemas`
      - `getCatalogs`
      - `getTables`
      - `getColumns`
      - `getImportedKeys`
    - o `java.sql.ResultSetMetaData`
      - `getColumnCount`
      - `getColumnLabel`
      - `getColumnName`
      - `getColumnType`
  - Any RDBMS that can run ANSI SQL 92 or at least can run these SQL statements:
    - o Join syntax
      - `SELECT a.`id` AS id, ... FROM `table_a` a [ INNER | LEFT OUTER | RIGHT OUTER | FULL OUTER ] JOIN `table_b` b ON a.field = b.field`
    - o Subqueries
      - `SELECT ... FROM (SELECT ... ) query1 ...`
    - o Filters
      - `SELECT ... FROM .. WHERE a.`state` = 'CA' AND a.`city` = 'San Francisco'`
    - o Group By:
      - `SELECT ... FROM .. GROUP BY group_field_1, ...`
    - o Order By: ....
      - `SELECT ... FROM .. ORDER BY order_field_1, ...`
    - o Operators
      - `+, -, *, /, comparison, LIKE, IN, BETWEEN ... AND`
    - o Date and timestamp literals
      - `By default, ISO-8601 formats are generated: 'yyyy-MM-dd' and 'yyyy-MM-dd hh:mm:ss'. These formats can be overridden if the database expects different formats.`
  - Supported data types:
    - o **Character types** : `CHAR, VARCHAR (including Oracle's VARCHAR2), LONGVARCHAR, NVARCHAR2` (new for JasperServer 3.7)
    - o **Numeric types** : `BIGINT, DECIMAL, DOUBLE, FLOAT, INTEGER, NUMERIC, REAL, SMALLINT, TINYINT`
    - o **Date types** : `DATE, TIME, TIMESTAMP`
    - o **Boolean types** : `BIT`
  - Supported virtual Objects:
    - o `Table Views`
    - o `Synonyms`

Not supported:
- `Stored Procedures`

Operating Systems

All combinations of listed Operating Systems/App Servers/Databases are supported (where supported by third parties themselves). If a combination is not included in one of the installers, then the setup is documented and requires manual installation using a WAR file. WAR installation is supported for 32-bit and 64-bit versions (where available).

Operating System	Version	Commercial	Community	Installation Method
Microsoft Windows[5] 32-bit or 64-bit (x86-64)	XP SP2, SP3 Vista[6] SP2 2003 SP2 2008 R1, R2 7[7] SP1	Certified	Certified	Automated Installer bundled with Apache Tomcat 6.0 App Server and PostgreSQL 9.0 Repository. Or Manual WAR File.
Red Hat Enterprise Linux (RHEL) (32-bit or 64-bit)	5.4, 5.5, 5.6, 6.1	Certified	Certified	Automated Installer bundled with Apache Tomcat 6.0 App Server and PostgreSQL 9.0 Repository. Or Manual WAR File.
Novell SUSE Linux Enterprise Server (SLES) (32-bit or 64-bit)	10.3, 11.1	Certified	Certified	Automated Installer bundled with Apache Tomcat 6.0 App Server and PostgreSQL 9.0 Repository. Or Manual WAR File.
Apple Mac OS X	10.5, 10.6, 10.7	Certified	Certified	Automated Installer bundled with Apache Tomcat 6.0 App Server and PostgreSQL 9.0 Repository. Or Manual WAR File.
Apple iPad iOS	4.3.3 and higher	Certified	Certified	Not applicable, the user connects to a server via the Safari browser.
iPhone iOS – Mobile SDK	x.x and higher		Certified	Not applicable, the user connects to a server via native application.
Android – Mobile SDK	2.1 and higher		Certified	Not applicable, the user connects to a server via native application.
Solaris SPARC	10,11	Certified	Compatible	Manual WAR File
Fedora	12, 13 x86-32, x86-64	Compatible	Compatible	Manual WAR File
	15, x86-64	Certified	Compatible	Manual WAR File
Debian Linux	6.0 (PowerPC, x86-32, x86-64)	Certified	Compatible	Manual WAR File
HP-UX	11.23, 11.31	Certified	Compatible	Manual WAR File
FreeBSD	8.1	Certified	Compatible	Manual WAR File
IBM AIX	6.1	Certified	Compatible	Manual WAR File
CentOS	5.x	Certified	Compatible	Manual WAR File
Ubuntu	10.x	Certified	Compatible	Manual WAR File

[5] IReport and Jaspersoft OLAP Schema Workbench require XP SP2, SP3 Vista SP2, 7 SP1
[6] Admin rights required to install and run on Vista.
[7] Admin rights required to install and run on Windows 7.

Java Virtual Machines (JVM)

JDK / JRE Version	Version	Commercial	Community
Oracle/Sun Java JDK / JRE (32-bit or 64-bit)	1.6, 1.7	Certified	Certified
IBM Java JDK / JRE (for WebSphere) (32-bit or 64-bit)	1.6	Certified	

Jaspersoft ODBO Connect

Platform	Version	Commercial	Community
Microsoft Excel	2003, 2007	Certified	
Microsoft Windows	XP, Vista, 7	Certified	
Microsoft .NET Framework	2.0	Certified	

Portal Servers

Platform	Version	Commercial	Community
Liferay Portal	5.2	Certified	Certified
JBoss Portal	2.7	Certified	Certified

iReport Designer and Jaspersoft OLAP Schema Workbench

Platform	Version	Commercial	Community
NetBeans IDE	6.5.1 through 6.8	Certified	Certified