



Jaspersoft 7.1 Platform Support

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Overview

This document contains a list of platforms that are supported in editions of the Jaspersoft Version 7.0 product release.

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 Servers¹

Application Server	Version	Commercial	Community
Apache/Jakarta Tomcat	8.0.47 - 8.5.27	Certified	Certified
WildFly	8.2.1 ,9.0.2, 10.1	Certified	Certified
JBoss EAP	6.4, 7.0	Certified	Certified
IBM WebSphere (WAS)	8.5.5.11, 8.5.5.12	Certified	
GlassFish	4.1.2	Certified	
Oracle WebLogic Server	12.1.3, 12.2.1	Certified	

Web Browsers

Item	Version	Commercial	Community
Mozilla Firefox	51 or higher	Certified	Certified
Microsoft Internet Explorer ²	11	Certified	Certified
Microsoft Edge	39.x or higher	Certified	Certified
Apple Safari	10.1 or higher (MacOSX), 5.1.7(Windows)	Certified	Certified
Google Chrome	56.0 or higher	Certified	Certified
Adobe Acrobat	10 or higher	Certified	Certified
Apple iPad iOS Safari	7.0 or higher	Certified	Certified

Headless Browser

Item	OS	Version	Commercial
PhantomJS	MacOS	2.1.1	Certified
	Linux and Windows	2.1.1	

¹ Recommended minimum system requirements: 2 Core processor, 4GB RAM, 10GB free disk space

² Compatibility mode is not supported

Databases

Database	Version	Commercial		Community	
		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	
MySQL (InnoDB storage engine)	5.1	Compatible			
	5.5, 5.6, 5.7	Certified	Certified		
Oracle RDBMS	11g R2	Certified	Certified		
	12cR1 12.1.0.2 12cR2 12.2.1	Certified	Certified		
PostgreSQL	9.3, 9.4, 9.5, 9.6, 10	Certified	Certified	Certified	Certified
IBM DB2	9.7, 10.1, 10.5	Certified	Certified		
Microsoft SQL Server	2012, 2014, 2016	Certified	Certified		
Microsoft SQL Azure	Latest	Certified			
Infobright	3.2	Compatible			
	3.4	Compatible			
Vertica	7.1, 8.0	Compatible			
JBoss Teiid	9.1.1	Certified			
Greenplum Database	4.2.3	Compatible			
Ingres Vectorwise	2.5	Compatible			
Netezza	6.0	Compatible			
Sybase ASE	15.7	Certified			
Sybase SQL Anywhere	17	Certified			
Teradata	15	Certified			
TIBCO Data Virtualization	7.0.6	Certified			

Big Data Certified Support³

Data Source	Connection Type	Notes
Mongo DB	<p>Via JDBC Drivers</p> <ul style="list-style-type: none"> • Domains⁵ and VDS Support • Supports SQL • Supports arrays, unwinding arrays, nested documents • Domain supports JDBC Schema definition tool • Support for push down <p>Via Native Drivers</p> <ul style="list-style-type: none"> • Domains⁹ support via Custom Data source • Supports Native APIs; No Support for SQL • Supports arrays, unwinding arrays, nested document 	<p>Supported versions</p> <ul style="list-style-type: none"> • Versions 3.0 - 3.4.1
Hive 2	<p>Via JDBC Drivers</p> <ul style="list-style-type: none"> • Domains⁶ and VDS Support • Supports SQL • Support for push down of where clause • Push down support 	<p>Supported Versions</p> <ul style="list-style-type: none"> • Cloudera 5.3-5.7 • HDP 2.3 - 2.4
Impala	<p>Via JDBC Drivers</p> <ul style="list-style-type: none"> • Domains⁷ and VDS Support • Supports SQL • Support for push down of where clause • Push down supported 	<p>Supported Versions</p> <ul style="list-style-type: none"> • Impala version 2.4 - 2.5 (CDH 5.6 and 5.7)
Cassandra	<p>Via JDBC Drivers</p> <ul style="list-style-type: none"> • Domains⁸ and VDS Support • Supports SQL • Support for push down 	<p>Supported Versions</p> <ul style="list-style-type: none"> • Apache Cassandra 3.0 - 3.9
Spark SQL	<p>Via JDBC Drivers</p> <ul style="list-style-type: none"> • Domains⁹ and VDS Support • Supports Spark Queries 	<p>Supported Versions</p> <ul style="list-style-type: none"> • Version 1.5 - 1.6

³ See Definitions for Certified and Compatible on the Page 1 Overview

⁴ Virtual Connections are supported only on JasperReports Server (JRS)

⁵ Domains are not available on Community Editions

⁶ Domains are not available on Community Editions

⁷ Domains are not available on Community Editions

⁸ Domains are not available on Community Editions

⁹ Domains are not available on Community Editions

Big Data Compatible Support

Data Source	Connection Type	Notes
Hive 2	Virtual	<ul style="list-style-type: none">• MapR 2.0 (Hive version)• HDP 2.1 (Hive version)• Amazon EMR (Hive version)
ElasticSearch	Via JSS and Custom Data source	
Salesforce (API Version 29)	Via JDBC	<ul style="list-style-type: none">• Product Version 5.1.4

JDBC/SQL Support Note -??

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
 - `java.sql.DatabaseMetaData`
 - `getDatabaseProductName`
 - `getIdentifierQuoteString`
 - `storesUpperCaseIdentifiers`
 - `getMaxColumnNameLength`
 - `getSchemas`
 - `getCatalogs`
 - `getTables`
 - `getColumns`
 - `getImportedKeys`
 - `java.sql.ResultSetMetaData`
 - `getColumnCount`
 - `getColumnLabel`
 - `getColumnName`
 - `getColumnType`
- Any RDBMS that can run ANSI SQL 92 or at least can run these SQL statements:
 - 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`
 - Subqueries
 - `SELECT ... FROM (SELECT ...) query1 ...`
 - Filters
 - `SELECT ... FROM .. WHERE a.`state` = 'CA' AND a.`city` = 'San Francisco'`
 - Group By:
 - `SELECT ... FROM .. GROUP BY group_field_1, ...`
 - Order By:
 - `SELECT ... FROM .. ORDER BY order_field_1, ...`
 - Operators
 - `+, -, *, /, comparison, LIKE, IN, BETWEEN ... AND`
 - 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:
 - Character types : `CHAR`, `VARCHAR` (including Oracle's `VARCHAR2`), `LONGVARCHAR`, `NVARCHAR2`
 - Numeric types : `BIGINT`, `DECIMAL`, `DOUBLE`, `FLOAT`, `INTEGER`, `NUMERIC`, `REAL`, `SMALLINT`, `TINYINT`
 - Date types : `DATE`, `TIME`, `TIMESTAMP`
 - Boolean types : `BIT`
- Supported virtual Objects:
 - Table Views
 - 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 64-bit versions (where available).

Operating System	Version	Commercial	Community	Installation
Microsoft Windows ¹⁰ 64-bit (x86-64) ^{11*} JSS	Vista ¹² SP2 2008 R1, R2 ¹³ 7 SP1, 8, 8.1, 10 2012, 2016	Certified	Certified	Automated Installer for 64-bit bundled with Apache Tomcat 8.5.2 App Server and PostgreSQL 9.3 Repository. Or Manual WAR File for 64-bit
Red Hat Enterprise Linux (RHEL) (64-bit)	6.1, 6.4, 6.6,7.1, 7.4	Certified	Certified	Automated Installer bundled with Apache Tomcat 8.5.20 App Server and PostgreSQL 9.3 Repository. Or Manual WAR File.
Novell SUSE Linux Enterprise Server (SLES) (64-bit)	12.1	Certified	Certified	Automated Installer bundled with Apache Tomcat 8.5.20 App Server and PostgreSQL 9.3 Repository. Or Manual WAR File.
Apple Mac OS X	10.8, 10.9, 10.10, 10.11, 10.12	Certified	Certified	Automated Installer bundled with Apache Tomcat 8.5.20 App Server and PostgreSQL 9.3 Repository. Or Manual WAR File.
Apple iPad iOS	10 and higher	Certified	Certified	Not applicable, the user connects to a server via the Safari browser.
iPhone iOS – Mobile SDK	10 and higher	App Only Certified	SDK Compatible	
Android – Mobile SDK	4.4 and higher	App Only Certified	SDK Compatible	
Solaris SPARC	10,11	Certified	Compatible	Manual WAR File
Fedora	22	Certified	Compatible	Manual WAR File
Debian Linux	8, 9	Certified	Compatible	Manual WAR File
HP-UX	11.23, 11.31	Certified	Compatible	Manual WAR File
FreeBSD	8.1,10.2	Certified	Compatible	Manual WAR File
IBM AIX	7.2	Certified	Compatible	Manual WAR File
CentOS	6.4, 7.0	Certified	Compatible	Manual WAR File
Ubuntu	14.04 LTS, 17.04	Certified	Compatible	Manual WAR File

¹⁰ Jaspersoft OLAP Schema Workbench require XP SP2, SP3 Vista SP2, 7 SP1

^{11*}JSS All Windows OS are supported by Jaspersoft Studio

¹² Admin rights required to install and run on Vista.

¹³ 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 (64-bit)	1.8	Certified	Certified
IBM Java JDK / JRE (for WebSphere) (64-bit)	1.8	Certified	
OpenJDK RunTime Environment (IcedTea6 1.9.7) 64-Bit Server VM (build 19.0-b09, mixed mode) ^{14*JSS}	1.8	Certified	

Jaspersoft ODBO Connect

Platform	Version	Commercial	Community
Microsoft Excel	2003, 2007, 2010 32-bit ¹⁵ , 64-bit ¹⁶	Certified	
Microsoft Windows	Vista, 7	Certified	
Microsoft .NET Framework	2.0	Certified	

Jaspersoft OLAP Schema Workbench

Platform	Version	Commercial	Community
NetBeans IDE	6.5.1 through 6.8	Certified	Certified

Jaspersoft ETL (Version 6.4.1)

Application	Version	Commercial
Oracle Java/JDK	8	Certified
Apache/Jakarta Tomcat	8	Certified
JBoss EAP	6.4	Deprecated
Oracle Weblogic	12c	Deprecated
IBM Websphere	8.5	Deprecated

^{14*JSS} OpenJDK is not supported in Jaspersoft Studio

¹⁵ Requires ODBO Version 1.0.7

¹⁶ Requires ODBO Version 1.0.8 or higher

ECCN Numbers

Please refer the link below to get the ECCN numbers of all TIBCO products including Jaspersoft:

[TIBCO ECCN List](#)

Language Support

JasperReports Server includes bundles for the following languages:

- English
- French
- German
- Spanish
- Brazilian Portuguese
- Italian
- Japanese
- Simplified Chinese

Jaspersoft Studio can be run in following languages:

- English
- Italian