



Jaspersoft Platform Support Commercial Edition

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Overview

This document contains a list of platforms that covers following Jaspersoft products:

- JasperReports Server 7.2
- Jaspersoft Studio 7.3
- JasperReports IO 1.1

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.

Application Servers¹

Application Server	Version	JasperReports Server	JasperReports IO
Apache/Jakarta Tomcat	8.5.0 - 8.5.39 9.0.1 - 9.0.17	Certified	
WildFly	15, 16	Certified	
JBoss EAP	7.0.0, 7.1.0	Certified	
IBM WebSphere (WAS)	8.5.5.14	Certified	
GlassFish	4.1.2	Certified	
Oracle WebLogic Server	12.2.1.0,12.2.1.1 12.2.1.2,12.2.1.3	Certified	
Jetty	9.4.11.v20180605		Certified

Web Browsers

Item	Version	Commercial
Mozilla Firefox	64 or higher	Certified
Microsoft Internet Explorer ²	11	Certified
Microsoft Edge	42.x or higher	Certified
Apple Safari	11.1 or higher (MacOSX)	Certified
Google Chrome	56.0 or higher	Certified
Apple iPad iOS Safari	7.0 or higher	Certified

Headless Browser

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

¹ Minimum system requirements: 2 Core processor, 8 GB RAM, 10GB free disk space
Recommended system requirements: 2.5 Ghz multi Core processor, 12GB RAM, 40GB free disk space

² Compatibility mode is not supported

Databases

Database	Version	Type	JasperReports Server
Relational: JDBC 2.1 + SQL-92			Compatible
Bean			Certified
JNDI			Certified
Jaspersoft OLAP (Mondrian) Connection			Certified
XML/A Connection			Certified
Custom (e.g. Hibernate, XML, etc.)			Certified
MySQL (InnoDB storage engine)	5.5.61, 5.6.41, 5.7.23	Data Source Repository	Certified
Oracle RDBMS	12cR1 12.1.0.2, 12cR2 12.2.0.1	Data Source Repository	Certified
PostgreSQL	9.4.19, 9.5.14, 9.6.10, 10.5	Data Source Repository	Certified
IBM DB2	10.5	Data Source Repository	Certified
Microsoft SQL Server	2014, 2016, 2017	Data Source Repository	Certified
Microsoft SQL Azure	Latest	Data Source	Certified
Infobright	3.4	Data Source	Compatible
Vertica	8.0	Data Source	Compatible
JBoss Teiid	9.1.1	Data Source	Certified
Greenplum Database	4.2.3	Data Source	Compatible
Ingres Vectorwise	2.5	Data Source	Compatible
Netezza	6.0	Data Source	Compatible
Sybase ASE	15.7	Data Source	Certified
Sybase SQL Anywhere	17	Data Source	Certified
Teradata	15	Data Source	Compatible
Rest API		Data Source	Compatible

Big Data Certified Support³

Data Source	Versions	JasperReports Server
MongoDB	Versions 3.0 - 4.0.x	Certified
Hive 2	<ul style="list-style-type: none">• Cloudera 5.3-5.7• HDP 2.3 - 2.4	Certified
Impala	Impala version 2.4 - 2.5 (CDH 5.6 and 5.7)	Certified
Cassandra	Apache Cassandra 3.0 - 3.9	Certified
Spark SQL	Version 1.5 - 1.6	Certified
TIBCO Data Virtualization	8.1	Certified
Salesforce	38	Compatible

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

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

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`
 - `columnName`
 - `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	JasperReports Server	Installation
Microsoft Windows ⁵ 64-bit (x86-64) ^{6*JS5}	10, 2012, 2016	Certified	Automated Installer for 64-bit bundled with Apache Tomcat App Server and PostgreSQL Repository. Or Manual WAR File for 64-bit
Red Hat Enterprise Linux (RHEL) (64-bit)	6.10, 7.4, 7.5	Certified	Automated Installer bundled with Apache Tomcat App Server and PostgreSQL Repository. Or Manual WAR File.
Novell SUSE Linux Enterprise Server (SLES) (64-bit)	12.1	Certified	Automated Installer bundled with Apache Tomcat App Server and PostgreSQL Repository. Or Manual WAR File.
Apple Mac OS X	10.8, 10.9, 10.10, 10.11, 10.12	Certified	Automated Installer bundled with Apache Tomcat App Server and PostgreSQL Repository. Or Manual WAR File.
Apple iPad iOS	10 and higher	Certified	Not applicable, the user connects to a server via the Safari browser.
iPhone iOS – Mobile SDK	10 and higher	App Only Certified	
Android – Mobile SDK	4.4 and higher	App Only Certified	
Solaris SPARC	10,11	Compatible	Manual WAR File
Fedora	28	Compatible	Manual WAR File

⁵ Jaspersoft OLAP Schema Workbench require XP SP2, SP3 Vista SP2, 7 SP1

^{6*JS5} All Windows OS, Linux and OSX are supported by Jaspersoft Studio

Debian Linux	8, 9	Certified	Manual WAR File
HP-UX	11.31	Compatible	Manual WAR File
FreeBSD	12	Compatible	Manual WAR File
IBM AIX	7.2	Compatible	Manual WAR File
CentOS	6.x, 7.x	Certified	Automated Installer bundled with Apache Tomcat App Server and PostgreSQL Repository. Or Manual WAR File
Ubuntu	14.04 LTS 18.04 LTS (only when deployed via buildomatic)	Certified	Automated Installer bundled with Apache Tomcat App Server and PostgreSQL Repository. Or Manual WAR File

Java Virtual Machines (JVM)

JDK / JRE Version	Version	JasperReports Server
Oracle/Sun Java JDK / JRE (64-bit)	1.8	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) ^{7*} JSS	1.8	Certified

Jaspersoft ODBO Connect

Platform	Version	JasperReports Server
Microsoft Excel	2003, 2007, 2010 32-bit ⁸ , 64-bit ⁹	Certified
Microsoft Windows	Vista, 7	Certified
Microsoft .NET Framework	2.0	Certified

Jaspersoft OLAP Schema Workbench

Platform	Version	JasperReports Server
NetBeans IDE	6.5.1 through 6.8	Certified

ECCN Numbers

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

[TIBCO ECCN List](#)

^{7*}JSS OpenJDK is not supported in Jaspersoft Studio

⁸ Requires ODBO Version 1.0.7

⁹ Requires ODBO Version 1.0.8 or higher

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 the following languages:

- English
- Italian