

Supported Platforms

Overview

This document lists specific platforms and configurations for Crystal Reports XI Release 2 - Service Pack 6.

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Introduction

This document contains information specific to platforms and configurations for Crystal Reports XI Release 2 - Service Pack 6. For the latest information on updates to this document, please visit SAP Business Objects Articles at:

<https://www.sdn.sap.com/irj/sdn/businessobjects-articles>

NOTE	Anything that is highlighted using red font indicates that it is an update, addition or correction made after the original release of this document.
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Products

- Crystal Reports Designer XI R2 Standard Edition
- Crystal Reports Designer XI R2 Professional Edition
- Crystal Reports Designer XI R2 Developer Edition

Languages

- Chinese Simplified
- Chinese Traditional
- Dutch
- English
- French
- German
- Italian
- Japanese
- Korean
- Polish
- Portuguese (Brazil)
- Russian
- Spanish
- Swedish

Supported Operating Systems

Report Designer

- Windows 7 (All 32-bit and 64-bit Editions)
- Windows Vista (All 32-bit and 64-bit Editions)
- Windows Vista with Service Pack 1 (All 32-bit and 64-bit Editions)
- Windows XP SP2 Professional
- Windows XP SP3 Professional
- Windows Server 2003 R2 Enterprise Edition
- Windows Server 2003 SP1 Datacenter Edition
- Windows Server 2003 SP1 Enterprise Edition
- Windows Server 2003 SP1 Standard Edition
- Windows Server 2003 SP1 Web Edition
- Windows Server 2003 (x64 Edition) SP2
- Windows 2000 SP4 Professional
- Windows 2000 SP4 Advanced Server
- Windows 2000 SP4 Datacenter Server
- Windows 2000 SP4 Server
- Windows Server 2003 SP2 (All 32-bit and 64-bit Editions)

SAP Business Objects and Microsoft Critical Patches

SAP Business Objects supports and recommends install of all Microsoft critical patches for the operating systems listed above.

Java Reporting Component (deployment only)

All Windows platforms defined in the 'Report Designer' section, plus the following UNIX platforms are supported by the Java Reporting Component.

- Red Hat 4.0 Advanced Server for x86
- Red Hat 4.0 Enterprise Server for x86
- SuSe Linux 9.0 Enterprise Server for x86
- Solaris 8 for Sparc
- Solaris 9 for Sparc
- AIX 5.2
- AIX 5.3
- HP-UX 11.11 (PA-RISC)
- HP-UX 11.23 (PA-RISC)

Minimum Hardware Requirements for Crystal Reports XI Release 2 - Service Pack 6

- 700-MHz Pentium III-class processor
- 512 MB RAM
- 1.0 GB free disk space for patch
- CD-ROM

Hardware Support

- Crystal Reports® is supported running on 32-bit versions of Windows running on x86 and x64 CPUs made by AMD and Intel.
- Crystal Reports® is supported running on 64-bit versions of Windows running on x64 CPUs made by AMD and Intel.

Supported Application Servers

Applies To

All components within the Crystal Reports Developer Edition that run within an application server, including:

- Java DHTML Viewers
- .Net Webform Viewers
- COM DHTML Viewers
- ActiveX Viewer
- Java Runtime Component (JRC)
- Redistributable applications that embed the reporting engine

Details

Application Servers	JDK
Microsoft IIS 5.0	N/A
Microsoft IIS 6.0	N/A
Oracle OAS 10G Rel.2 (10.1.2)	JDK 1.4.2_xx
JBoss 4.0.4	JDK 1.4.2_xx
SAP WAS 6.40 SP11	JDK 1.4.2_xx
Apache Tomcat 5.0.27	JDK 1.4.2_13+
	JDK 1.5.0_xx
Apache Tomcat 5.5	JDK 1.5.0_xx
BEA WebLogic 8.1 SP4	JDK 1.4.2_xx
BEA WebLogic 9.2	JDK 1.5.0_04+
IBM WebSphere 5.1.1.0	JDK 1.4.2_xx
IBM WebSphere 6.1.0.7	JDK 1.5.0_xx

Application Server Incremental Release Support Policy

Specified application servers versions have been successfully tested by SAP Business Objects. Incremental releases of the specified versions defined by the last number in the application server name will be supported as they are made available, but may not have been tested by SAP Business Objects. Exceptions in support will be documented.

JDK Version Support Policy

JDK major versions are specified to ensure the use of correct version when there are multiple choices provided by the vendor. SAP Business

Objects tests and supports any _x release installed with a given application server.

Specific Patches Required for Oracle Application Server

See release notes for exact patch level support.

Supported HTTP Servers

Any supported by Application Server vendor.

Support of IBM WebSphere and BEA WebLogic Editions

Network Editions of the Applications Server listed above are NOT supported. The Express Edition of WebSphere and WebLogic application servers are supported.

IBM WebSphere 5.1.1.4 is not supported

Several issues have been found when applying the cf4 patchset for WebSphere 5.1.1. Moving forward to 5.1.1.5/6 or back to 5.1.1.3 both appears to fix the issue. Therefore BusinessObjects will not support this particular version of WebSphere. All other 5.1.1x versions are supported.

Supported Browsers

Applies To

Crystal Reports Developer Edition. All DHTML Viewers (including the .Net Webform viewers) and the ActiveX Viewer.

Details

Browser OS	Browser	JVM
Macintosh OSX	Safari 1.3	Apple 1.4.2_xx
Windows	Firefox 2.0	Sun 1.5.0_xx Sun 1.6.0_02+
	Firefox 3.0	Sun 1.5.0_xx Sun 1.6.0_02+
	IE 6.0 SP1	Sun 1.4.2_xx Sun 1.5.0_xx Sun 1.6.0_02+
	IE 6.0 SP2	Sun 1.4.2_xx Sun 1.5.0_xx Sun 1.6.0_02+
	IE 7.0	Sun 1.4.2_xx Sun 1.5.0_xx Sun 1.6.0_02+
	IE 7.0 SP1	Sun 1.4.2_xx Sun 1.5.0_xx Sun 1.6.0_02+
	IE 8.0 (Compatibility mode)	Sun 1.4.2_xx Sun 1.5.0_xx Sun 1.6.0_02+

Multi-Threaded Data Sources

Applies To

Crystal Reports Standard Edition*

Crystal Reports Professional Edition

Crystal Reports Developer Edition**

*Supported Standard Edition data drivers are a subset of this list.

**Java Reporting Component data access is detailed in a different section in this document. The Java Reporting Component is included only with the Developer Edition of Crystal Reports.

Details

Provider Name	Data Connector	Unicode Support
OLAP		
Hyperion Essbase Server 7.0	Hyperion Essbase API 7.0	
Hyperion Essbase Server 7.1.x	Hyperion Essbase API 7.1.x	
Hyperion System 9	Hyperion Essbase client 9.0	
	Hyperion Essbase client 9.2	
	Hyperion Essbase client 9.3	
IBM DB2 OLAP Server 8.1 FixPack 3	IBM DB2 OLAP API 8.1	
IBM DB2 OLAP Server 8.2	IBM DB2 OLAP API 8.2	
Microsoft SQL Server Analysis Services 2000 SP4	Microsoft SQL Server 2000 Analysis Services 8.0 OLE DB Provider SP4	
Microsoft SQL Server Analysis Services 2005 SP1	Microsoft SQL Server 2005 Analysis Services 9.0 OLE DB Provider SP1	
Microsoft SQL Server Analysis Services 2005 SP2	Microsoft SQL Server 2005 Analysis Services 9.0 OLE DB Provider SP2	
SAP BW Server 3.5 SP19	SAP GUI 640	
SAP BI 7 SP10	SAP GUI 640	

RDBMS		
Generic JDBC Data Sources	JDK 1.4	Yes
Generic ODBC Data Sources	ODBC	Yes
Generic OLEDB Data Sources	OLEDB	Yes
HP NeoView 2.2	HP NeoView ODBC 2.2	Yes
HP NeoView 2.3.1	HP NeoView ODBC 2.3.1	Yes
IBM DB2/UDB for iSeries 5.2	DB2 Client 8.1	Yes
	IBM iSeries Access (JDBC) 5.2	Yes
	IBM iSeries Access (ODBC) 5.2	Yes
	IBM iSeries Access (OLEDB) 5.2	Yes
	DB2 ODBC Client 8.1	Yes
IBM DB2/UDB for iSeries 5.3	DB2 Client 8.2	Yes
	IBM iSeries Access (JDBC) 5.3	Yes
	IBM iSeries Access (ODBC) 5.3	Yes
	IBM iSeries Access (OLEDB) 5.3	Yes
	DB2 ODBC Client 8.2	Yes
IBM DB2/UDB for NT/Unix/Linux 8.1	DB2 Client 8.1	Yes
	DB2 JDBC 8.1	Yes
	DB2 ODBC Client 8.1	Yes
	DB2 OLEDB 8.1	Yes
IBM DB2/UDB for NT/Unix/Linux 8.2	DB2 Client 8.2	Yes
	DB2 JDBC 8.2	Yes
	DB2 ODBC Client 8.2	Yes
	DB2 OLEDB 8.2	Yes
IBM DB2/UDB for NT/Unix/Linux 9.1	DB2 Client 9.1	Yes
	DB2 JDBC 9.1	Yes
	DB2 ODBC Client 9.1	Yes
	DB2 OLEDB 9.1	Yes
IBM DB2/UDB for NT/Unix/Linux 9.5	DB2 Client 9.5	Yes
	DB2 JDBC 9.5	Yes
	DB2 ODBC Client 9.5	Yes
	DB2 OLEDB 9.5	Yes
IBM DB2/UDB for zSeries 7	DB2 Client 8.1	Yes
	DB2 ODBC Client 8.1	Yes
IBM/DB2/UDB for zSeries 8	DB2 Client 8.2	Yes
	DB2 ODBC Client 8.2	Yes
IBM Informix Dynamic Server 10.0	IBM Informix ODBC SDK 2.90	Yes
IBM Informix Dynamic Server 9.4	IBM Informix ODBC SDK 2.81	Yes
Microsoft Access 2000	DAO 3.6	Yes
	Microsoft ODBC Access 2000	Yes
	Microsoft OLEDB Access 2000	Yes
Microsoft Access 2003	DAO 3.6	Yes

	Microsoft ODBC Access 2003	Yes
	Microsoft OLEDB Access 2003	Yes
Microsoft SQL Server 2000 SP4	JDBC SQL Server 2000	Yes
	Microsoft ODBC MDAC 2.8	Yes
	Microsoft OLEDB MDAC 2.8	Yes
Microsoft SQL Server 2005 RTM, SP1, SP2	JDBC SQL Server 2005	Yes
	Microsoft ODBC MDAC 2.8	Yes
	Microsoft ODBC SNAC (Native Client)	Yes
	Microsoft OLEDB MDAC 2.8	Yes
	Microsoft OLEDB SNAC (Native Client)	Yes
Microsoft SQL Server 2008	Microsoft OLEDB MDAC 2.8	Yes
	Microsoft ODBC MDAC 2.8	Yes
Microsoft SQL Server 7.0 SP4	Microsoft ODBC MDAC 2.7	Yes
	Microsoft OLEDB MDAC 2.7	Yes
MySQL 4.1.10a	JDBC MySQL	Yes
	MySQL ODBC Connector 3.51.12	Yes
MySQL 4.1.13	JDBC MySQL	Yes
	MySQL ODBC Connector 3.51.12	Yes
MySQL 5.0	MySQL ODBC Connector 3.51.12	Yes
	MySQL ODBC Connector 5.1.4	Yes
	MySQL AB JDBC V5.0	Yes
NCR Teradata V2R6	NCR Teradata JDBC 03.02.00	Yes
	NCR Teradata ODBC 3.04	Yes
NCR Teradata V2R6.1	NCR Teradata ODBC 3.05	Yes
NCR Teradata V2R6.2	NCR Teradata ODBC 3.06	Yes
Teradata v12	Teradata ODBC 12 (TTU 12.0)	Yes
	Teradata JDBC 12 (TTU 12.0)	Yes
Netezza NPS Server 2.5	Netezza ODBC 2.5	Yes
Netezza NPS Server 3.0	Netezza ODBC 3.0	Yes
Netezza NPS Server 3.1	Netezza ODBC 3.1	Yes
Netezza NPS Server 4.0	Netezza ODBC 4.0	Yes
Netezza NPS Server 4.5	Netezza ODBC 4.5	Yes
	Netezza JDBC Access	Yes
Oracle 11g	JDBC Oracle 11	Yes

	ODBC Oracle 11	Yes
	OLEDB Oracle 11	Yes
	Oracle .NET Client 11	Yes
Oracle 10g R1 (10.1)	JDBC Oracle 10.1	Yes
	ODBC Oracle 10.1	Yes
	OLEDB Oracle 10.1	Yes
	Oracle Net Client 10.1	Yes
Oracle 10g R2 (10.2)	JDBC Oracle 10.2	Yes
	ODBC Oracle 10.2	Yes
	OLEDB Oracle 10.2	Yes
	Oracle Net Client 10.2	Yes
Oracle 10g R2 RAC	JDBC Oracle 10.2	Yes
	ODBC Oracle 10.2	Yes
	OLEDB Oracle 10.2	Yes
	Oracle Net Client 10.2	Yes
Oracle 9.2	JDBC Oracle 9.2	Yes
	ODBC Oracle 9.2	Yes
	OLEDB Oracle 9.2	Yes
	Oracle Net Client 9.2	Yes
Sybase Adaptive Server Enterprise 12.5	JDBC Sybase 12.5	Yes
	ODBC Sybase 12.5	Yes
	Sybase Open Client 12.5	
Sybase Adaptive Server Enterprise 15	Sybase Open Client 15	
Ingres 2006 Enterprise Release 2	Generic ODBC	Yes
Technology		
ADO. NET	MS .NET Framework 1.0	Yes
	MS .NET Framework 1.1	Yes
	MS .NET Framework 2.0	Yes
COM	N/A	Yes
Microsoft Excel 2000	DAO 3.6	Yes
	ODBC	Yes
	OLEDB	Yes
Microsoft Excel 2003	DAO 3.6	Yes
	ODBC	Yes
	OLEDB	Yes
Microsoft Exchange 2000	Microsoft Office 2000	
Microsoft Exchange 2003	Microsoft Office 2003	Yes
Field Definitions	N/A	Yes
Java Bean	JDK 1.4	Yes
XML	JDK 1.4	Yes

Single Threaded Data Sources

Applies To

Crystal Reports Standard Edition*

Crystal Reports Professional Edition

Crystal Reports Developer Edition

*Supported Standard Edition data drivers are a subset of this list.

**Java Reporting Component data access is detailed in a different section in this document. The Java Reporting Component is included only with the Developer Edition of Crystal Reports.

Details

Provider Name	Data Connector	Unicode Support
RDBMS		
IBM Informix Dynamic Server 10.0	IDS Client 10.0	
IBM Informix Dynamic Server 9.4	IDS Client 9.4	
Technology		
ACT 5	ACT 5	
ACT 6	ACT 6	
Borland Database Engine 5.1	BDE 5.1	
Exchange 5.5	Microsoft Office 2000	
File System	N/A	Yes
Lotus Notes 5	ODBC Lotus Notes 5	Yes
Lotus Notes 6	ODBC Lotus Notes 6	Yes
Microsoft IIS Log	N/A	
Microsoft Outlook 2000	Microsoft Office 2000	
Microsoft Outlook 2003	Microsovift Office 2003	
Windows (NT) Event Log	N/A	
Pervasive SQL 10	ODBC Pervasive 10	Yes
	Pervasive SQL Client 10	
Text	ODBC	Yes
Web Log	N/A	
Xbase	N/A	

Single Threaded and Multi Threaded Connectivity

Both single threaded data drivers are well suited for use within the Crystal Reports designer. When deploying to a multi-user environment, then multi-threaded drivers should be used when executing reports on-demand. Single-threaded data drivers used in a multi-user environment will cause the engine to process each request serially.

Support of SAP BW Server

BusinessObjects XI R2 Integration Kit for SAP must be installed in order to use SAP BW Server as a data source in Crystal Reports. The exact patch levels required for SAP BW servers and API are specified in the Platforms.txt for BusinessObjects XI Release 2 Integration Kit for SAP.

Limitations for Generic ODBC, OLEDB and JDBC

The Database server, Client and ODBC/JDBC/OLEDB driver used must support multiple threads.

Generic JDBC: 3rd Party JDBC Type 4-compliant drivers may potentially have issues as not all combinations have been tested, but are supported for *relational database access* as a general rule.

Generic ODBC: 3rd Party ODBC Level 2-compliant Drivers may potentially have issues as not all combinations have been tested yet, but are supported as a general rule.

Java Reporting Component Data Sources

The Java Reporting Component is only included in the Developer Edition of Crystal Reports.

Provider Name	Data Connector
Oracle 8.1.7	JDBC Oracle 9.2
Oracle 9.2	JDBC Oracle 9.2
Oracle 10.1	JDBC Oracle 10.1
IBM DB2/UDB for NT/Unix 8.1	JDBC DB2 8.1
IBM DB2/UDB for NT/Unix 8.2	JDBC DB2 8.2
Microsoft SQL Server 2000 SP3	JDBC SQLServer 2000
Microsoft SQL Server 2005	JDBC SQLServer 2005
MySQL 4.0	JDBC MySQL
Generic JDBC	JDK 1.4
XML	JDK 1.4
Javabeans	JDK 1.4

Other Tools

Office

- Microsoft Office 2000 SP3
- Microsoft Office 2003
- Microsoft Office 2003 SP1
- Microsoft Office 2003 SP2
- Microsoft Office XP
- Microsoft Office XP SP1
- Microsoft Office XP SP2
- Microsoft Office XP SP3
- Microsoft Office 2007 (as an export destination)

Admin Platform

- Citrix Metaframe XP 1.0 + FR3
- Citrix Metaframe XPE 1.0 + FR3

Note: Citrix is not supported for Chinese and Korean.

Adobe Reader

- Adobe Reader 5.0

- Adobe Reader 7.0
- Adobe Reader 8.1.2

Microsoft .NET Framework

- .NET 1.0
- .NET 1.1
- .NET 2.0
- .NET 3.0 (1)

(1) Only applies to the Crystal Reports runtime engine when running on Windows Vista.

Development Platforms

- Visual Studio .NET 2002
- Visual Studio .NET 2003
- Visual Studio .NET 2005

Note: This section refers to the Visual Studio components that are included in Crystal Reports. These components are not supported when running in Visual Studio 2003 on Windows Vista, since Visual Studio 2003 doesn't support Windows Vista. For more information see the Microsoft Visual Studio and Windows Vista FAQ here:

<http://msdn2.microsoft.com/en-us/vstudio/aa948854.aspx>

Report Designer Component (RDC)

- Visual C++ 6.0
- Visual Basic 6.0

Wireless – Hardware

- Pocket PC Hardware 2000
- Rim Blackberry OS 957 2.6

Wireless – Simulator

- Pocket PC Simulator 2003
- Rim Blackberry Simulator 3.6

Finding More Information

For more information and resources, refer to the product documentation and visit the support area of the web site at:

<http://help.sap.com>

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