

Crystal Reports Server Embedded 2008 V1

Supported Platforms

Overview

This document lists specific platforms and configurations for Crystal Reports Server Embedded 2008 V1.

Contents

INTRODUCTION	2
LANGUAGES	2
SUPPORTED OPERATING SYSTEMS	3
<i>Central Configuration Manager Only</i>	3
<i>Crystal Reports Server Embedded 2008</i>	3
BusinessObjects and Microsoft Critical Patches.....	3
MINIMUM SCREEN RESOLUTION	4
MINIMUM HARDWARE REQUIREMENTS FOR CRYSTAL REPORTS SERVER EMBEDDED 2008 V1	4
SUPPORTED APPLICATION SERVERS	5
Application Server Incremental Release Support Policy	5
JDK Version Support Policy	5
Specific Patches Required for Oracle Application Server.....	5
Supported HTTP Servers	5
SUPPORTED BROWSERS	6
DATA SOURCE MIDDLEWARE SUPPORT	6
ODBC DSN SUPPORT	6
SUPPORTED DATA SOURCES	7
SUPPORTED SINGLE THREADED DATA SOURCES	11
Generic ODBC, OLEDB and JDBC: Limitation	12
OTHER TOOLS	12
Office	12
Reader.....	12
.NET Framework.....	12
FINDING MORE INFORMATION	13

Introduction

This document contains information specific to platforms and configurations for the Crystal Reports Server Embedded 2008 V1 release. For the latest information on updates to this document, please visit 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.

Languages

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

Supported Operating Systems

Central Configuration Manager Only

- Windows XP SP2 Professional
- Windows Vista (1)
- Windows Vista SP1 (1)
- Windows Server 2003 SP1 (1) (2)
- Windows Server 2003 SP2 (1) (2)
- Windows Server 2003 R2 (1) (2)
- Windows Server 2008 (1) (2)

(1) 32-bit and 64-bit O/S editions supported

(2) Data Center Edition, Enterprise Edition, Standard Edition , Web Edition

Crystal Reports Server Embedded 2008

- Windows Server 2003 SP1 (1) (2)
- Windows Server 2003 SP2 (1) (2)
- Windows Server 2003 R2 (1) (2)
- Windows Server 2008 (1) (2)

(1) 32-bit and 64-bit O/S editions supported

(2) Data Center Edition, Enterprise Edition, Standard Edition , Web Edition

BusinessObjects and Microsoft Critical Patches

BusinessObjects supports the install of all Microsoft critical patches for the operating systems listed above.

Minimum Screen Resolution

Screen resolution of [1024] x [768] is recommended.

Minimum Hardware Requirements for Crystal Reports Server Embedded 2008 V1

- 1.8 GHz Pentium 4-class processor
- 1 GB RAM
- 700 MB available hard disk space

Note 1:

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

Note 2: Additional languages can be installed in Crystal Reports Server Embedded via Language Pack Install. On average, an additional 50 MB hard disk space is required per language install.

Supported Application Servers

Application Servers	JDK
JBoss 4.0.4	JDK 1.5.0_xx
Microsoft IIS 7.0	N/A
Microsoft IIS 6.0	N/A
Oracle Application Server 10gR3 (10.1.3)	JDK 1.5.0_xx
SAP Web Application Server 7	JDK 1.4.2_xx
Tomcat 5.5	JDK 1.5.0_xx
WebLogic 9.2 MP2	JDK 1.5.0_xx JRockit 5.0+
WebLogic 10	JDK 1.5.0_xx JRockit 5.0+
WebSphere Application Server 6.1.0.7	JDK 1.5.0_xx
WebSphere Application Server Community Edition 2.0	JDK 1.5.0_xx

Note: Native 64-bit Java Application Servers are supported.

Application Server Incremental Release Support Policy

Specified application servers versions have been successfully tested by 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 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. Business Objects tests and supports any _xx 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.

Supported Browsers

Browser OS	Browser	JVM
Apple Mac OS X	Firefox 3.0	Apple 1.5.0_xx Apple 1.6.0_xx
	Firefox 2.0	Apple 1.5.0_xx Apple 1.6.0_xx
	Safari 3.1	Apple 1.5.0_xx Apple 1.6.0_xx
Microsoft Windows	Firefox 3.0	Sun 1.5.0_xx Sun 1.6.0_02+
	Firefox 2.0	Sun 1.5.0_xx Sun 1.6.0_02+
	IE 6.0 SP2	Sun 1.5.0_xx Sun 1.6.0_02+
	IE 7.0	Sun 1.5.0_xx Sun 1.6.0_02+

Data Source Middleware Support

The Crystal Reports Server Embedded software product is designed to use 32-bit data source middleware connectivity. 64-bit middleware connectivity is not supported.

ODBC DSN Support

BusinessObjects products use the 32-bit ODBC registry on all versions of Windows. To administer 32-bit ODBC DSNs on 64-bit versions of Windows, run the 32-bit ODBC Administrator, located here:
C:\Windows\SysWOW64\odbcad32.exe

Supported Data Sources

Provider Name	Data Connector	Unicode Support
OLAP		
Hyperion Essbase Server 7.1.x	Hyperion Essbase API 7.1.x	Yes
Hyperion System 9	Hyperion Essbase client 9.0	
	Hyperion Essbase client 9.2	
	Hyperion Essbase client 9.3	
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	
Microsoft SQL Server Analysis Services 2008	Microsoft SQL Server 2008 Analysis Services 10.0 OLE DB Provider	
RDBMS		
Generic JDBC Data Sources	Java 1.5	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 5.3	DB2 Client 8.2	Yes
	IBM iSeries Access (ODBC) 5.3	Yes
	DB2 JDBC Universal Driver	Yes
	IBM iSeries Access (OLEDB) 5.3	Yes
	DataDirect ODBC 5.3 (3)	Yes
IBM DB2/UDB for iSeries 5.4	DB2 Connect 9.1	
	IBM iSeries Access (ODBC) 5.4	
	DB2 Universal JDBC Driver	
	DataDirect ODBC 5.3 (3)	Yes
IBM DB2/UDB for NT/Unix/Linux 8.2	DB2 Client 8.2	Yes
	DB2 JDBC 8.2	Yes
	DB2 OLEDB 8.2	Yes
	DataDirect ODBC 5.3 (3)	Yes
IBM DB2/UDB for NT/Unix/Linux 9.1 (1)	DB2 Client 9.1	Yes
	DB2 JDBC 9.1	Yes
	DB2 OLEDB 9.1	Yes

Provider Name	Data Connector	Unicode Support
	DataDirect ODBC 5.3 (3)	Yes
IBM DB2/UDB for NT/Unix/Linux 9.5	DB2 Client 9.5	
	DB2 Universal JDBC Driver	Yes
	DB2 OLEDB 9.5	Yes
	DataDirect ODBC 5.3 (1)	Yes
IBM DB2/UDB for zSeries 7	DB2 Client 8.1	Yes
	DB2 ODBC Client 8.1	Yes
	DataDirect ODBC 5.3 (3)	Yes
IBM/DB2/UDB for zSeries 8	DB2 Client 8.2	Yes
	DB2 Universal JDBC Driver (5)	Yes
	DataDirect ODBC 5.3 (3)	Yes
IBM Informix Dynamic Server 10.0	IBM Informix ODBC SDK 2.90	Yes
	DataDirect ODBC 5.3 (3)	Yes
IBM Informix Dynamic Server 9.4	IBM Informix ODBC SDK 2.90	Yes
	DataDirect ODBC 5.3 (3)	Yes
Ingres 2006	Ingres ODBC 3.5	Yes
Microsoft Access 2003	DAO 3.6	Yes
	Microsoft ODBC MDAC 2.8	Yes
	Microsoft OLEDB MDAC 2.8	Yes
Microsoft Access 2007	2007 Office System Driver: ODBC	Yes
	2007 Office System Driver: OLEDB	Yes
Microsoft SQL Server 2000 SP4	JDBC SQL Server 2000	Yes
	Microsoft ODBC MDAC 2.8	Yes
	Microsoft OLEDB MDAC 2.8	Yes
	DataDirect ODBC 5.3 (3)	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
	DataDirect ODBC 5.3 (3)	Yes

Microsoft SQL Server 2008	JDBC SQL Server 2008	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
	DataDirect ODBC 5.3 (3)	Yes
MySQL AB 5.0	MySQL AB ODBC 3.51.12	Yes
	MySQL AB JDBC 5.0	Yes
NCR Teradata V2R6	NCR Teradata ODBC 3.05 (TTU 8.1)	Yes
NCR Teradata V2R6.1	NCR Teradata ODBC 3.06 (TTU 8.2)	Yes
	NCR Teradata JDBC 3.04 (TTU 8.2)	
NCR Teradata V2R6.2	NCR Teradata ODBC 3.06 (TTU 8.2)	Yes
	NCR Teradata JDBC 3.04 (TTU 8.2)	
Teradata V12.0	Teradata ODBC TTU 12.00.00.01	Yes
	Teradata JDBC TTU 12.00.00.01	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 JDBC Access	
Netezza NPS Server 4.0	Netezza ODBC 4.01	Yes
	Netezza JDBC Access	
Oracle 11g R1 (11.1)	JDBC Oracle 11G R1 (4)	Yes
	ODBC Oracle 11G R1 (4)	Yes
	OLEDB Oracle 11G R1 (4)	Yes
	Oracle Net Client 11G R1 (4)	Yes
	DataDirect ODBC 5.3 (3) (4)	Yes
Oracle 10g R1 (10.1)	JDBC Oracle 10.1 (4)	Yes
	ODBC Oracle 10.1 (4)	Yes
	OLEDB Oracle 10.1 (4)	Yes
	Oracle Net Client 10.1 (4)	Yes
	DataDirect ODBC 5.3 (3) (4)	Yes
Oracle 10g R2 (10.2)	JDBC Oracle 10.2 (4)	Yes
	ODBC Oracle 10.2 (4)	Yes
	OLEDB Oracle 10.2 (4)	Yes
	Oracle Net Client 10.2 (4)	Yes
	DataDirect ODBC 5.3 (3) (4)	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
	DataDirect ODBC 5.3 (3)	Yes
Progress OpenEdge 10.0B	OpenEdge SQL 10.0B ODBC	
PostgreSQL 8.2	PostgreSQL 8.2 ODBC	Yes
	PostgreSQL 8.2 JDBC	Yes

Sybase Adaptive Server Enterprise 12.5	JDBC Sybase 12.5	Yes
	ODBC Sybase 12.5	Yes
	Sybase Open Client 12.5	
	DataDirect ODBC 5.3 (3)	Yes
Sybase Adaptive Server Enterprise 15	Sybase Open Client 15	
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 Excel 2007 (2)	ODBC	
	OLEDB	
Microsoft Exchange 2000	Crystal Reports Outlook/Exchange driver	
Microsoft Exchange 2003	Crystal Reports Outlook/Exchange driver	Yes
Field Definitions	N/A	Yes
Java Bean	JDK 1.5	Yes
XML	JDK 1.5	Yes

- (1) IBM DB2 v9.1 requires a minimum of Windows 2003 SP1 to be the Operating System for Windows deployments.
- (2) DAO technology cannot be used to access the Microsoft Office 2007 file formats: Microsoft Access 2007 .accdb, Microsoft Excel 2007 .xlsx (XML) and .xlsb (Binary). These file formats are supported via ODBC and OLEDB.
- (3) DataDirect drivers for Crystal Reports are available from Business Objects. See the Crystal Reports Start Page for download details.
- (4) Oracle Real Application Cluster (RAC) is supported.
- (5) Supported for all operating systems listed in the Supported Operating Systems section, except Linux (Red Hat/SUSE).

Supported Single Threaded Data Sources

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 6	ACT 6	
Borland Database Engine 5.1	BDE 5.1	
Microsoft Exchange 5.5	Crystal Reports Outlook/Exchange driver	
File System	N/A	Yes
Lotus Notes 6	ODBC Lotus Notes 6	Yes
Lotus Notes 7	ODBC Lotus Notes 7	Yes
Microsoft IIS Log	N/A	
Microsoft Outlook 2000	Microsoft Office 2000	
Microsoft Outlook 2003	Microsoft Office 2003	
Microsoft Outlook 2007	Microsoft Office 2007	
NT Event Log	N/A	
Pervasive SQL 2000	ODBC Pervasive 2000	Yes
	Pervasive SQL Client 2000	
Pervasive SQL 8	ODBC Pervasive 8	Yes
Text	ODBC	Yes
Web Log	N/A	
Xbase	N/A	

Generic ODBC, OLEDB and JDBC: Limitation

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.

Other Tools

Office

- Microsoft Office 2007 SP1
- Microsoft Office 2003 SP3
- Microsoft Office XP SP3
- Microsoft Office XP SP2

Reader

- Acrobat Reader 7.x
- Acrobat Reader 8.1.2
- Acrobat Reader 9.0

.NET Framework

- .NET 1.1
- .NET 2.0
- .NET 3.0
- .NET 3.5

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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