SAP

SAP Crystal Reports

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Tutorials - SAP Crystal Reports 2011, 2013, 2016

The following tutorials have been developed to help you get started using the Business Intelligence Suite products.

New content is added as soon as it becomes available, so check back on a regular basis.

The video versions of these tutorials on YouTube include optional text captions that can be translated into a number of languages. Watch here to learn how.

SAP Crystal Reports 2011, 2013, 2016, 2020
Key Concepts
Concept: What's new in SAP Crystal Reports 2011 (2:16) *video*
Concept: Navigate the interface (6:46) *video*
Concept: Create a report (2:48) *video*
Concept: Share report objects with other designers (2:09) *video*
Concept: Describe how the semantic layer works (2:08) *video*
Concept: Compare Crystal Reports 2011 and Crystal Reports for enterprise *interactive*
Getting Started

Connect to an ODBC data source (2:13) *video*
Change the layout of the interface (1:06) *video*
View the data for a field (1:08) *video*
Add fields to a report (1:20) *video*
Preview a report (0:57) *video*
Refresh the data in a report (0:50) *video*
Save a report (1:20) *video*
Save a snapshot of a report (1:21) *video*
Save a report to the Business Intelligence platform (1:47) *video*
Export a report (2:24) *video*
Share report objects using the Repository Explorer (1:46) *video*
Set a schedule for a report *process flow*
Run a schedule for a report *process flow*
Run a scheduled publication of a report *process flow*
View a report instance when the page is in the cache *process flow*
View a report instance when the page is not in the cache *process flow*
View a report on demand *process flow*
Connecting to Data Sources
Connect to an SAP BW data source (3:29) *video*
Connect to a universe (2:27) *video*
Connect to an XML data source (2:51) *video*
Connect to a web service (3:43) *video*
Link data source tables (2:03) *video*
Change the data source location (2:11) *video*
Connect to an SAP ERP data source (2:58) *video*
Connect to an Excel spreadsheet or a text file (1:41) *video*
Connect to an OLAP data source and create an OLAP grid report (4:26) *video*
Create a connection to SAP HANA using ODBC drivers (2:43) *video*
Working with Charts
Create a chart for summary data (1:37) *video*
Create a chart for detail data (2:19) *video*
Change the formatting of a chart (2:31) *video*
Working with Tables and Crosstabs
Create a crosstab (2:25) *video*
Create a crosstab using the Crosstab Wizard (2:24) *video*
Add a calculation to a crosstab (2:25) *video*
Change the formatting of a crosstab (1:53) *video*
Conditionally format cells in a crosstab (2:16) *video*
Selecting, Sorting, Grouping, and Summarizing Data
Select the data that appears in a report (1:12) *video*
Edit the formula for record selection (1:46) *video*
Sort the records in a report (0:54) *video*
Sort records using a sort control (2:34) *video*
Group records based on data (1:11) *video*
Group records based on a custom definition (2:28) *video*
Change the grouping order (1:13) video
Select groups based on a summary (1:47) video
Calculate totals and subtotals for data (02:00) video
Create a running total (2:03) video
Show the top or bottom N records in a report (1:22) video

Create a summary report (1:31) video

Setting up Interactive Elements

Prompt for a value to select records (2:20) *video*

Display the prompt value used to select records (1:36) *video*

Prompt for multiple values to select records (2:56) *video*

Prompt for a DateTime range to select records (3:14) *video*

Create a cascading prompt to select records (4:30) *video*

Group records based on a prompt value (4:05) *video*

Create an alert (2:11) *video*

Add a SWF file to a report (1:06) *video*

Create a hyperlink to open a document in the BI platform (4:48) *video*

Working with Formulas

Create a formula (2:54)   *video*

Create a Boolean formula (2:04)   *video*

Create a conditional formula (2:36)   *video*

Create a formula to calculate numbers (2:09)   *video*

Create a formula to calculate a time interval (2:40)   *video*

Create a formula to change text (2:36)   *video*

Use variables in a formula (3:19)   *video*

Working with Subreports

Add an existing report as a subreport (1:41) *video*

Change the formatting of a subreport (1:46) *video*

Applying Formatting

Resize, move, and align fields in a report (1:30)   *video*

Position objects using guidelines (1:45)   *video*

Add text to a report (1:21)   *video*

Add a graphic to a report (0:49)   *video*

Add a dynamic graphic to a report (2:41)   *video*

Add a hyperlink to a report (1:31)   *video*

Add a watermark to areport (2:18)   *video*

Copy the formatting of an object (1:40)   *video*

Conditionally format data using the Highlighting Expert (1:30)   *video*

Conditionally format data using the Format Editor (1:44)   *video*

Customize an existing formatting style (2:03)   *video*

Customize an existing formatting style (2:03) *video*

Change the formatting for a report section (0:59)   *video*

Conditionally format a report section (2:09)   *video*

Create a subsection in a report (1:40)   *video*

Embed database fields into a text object (2:12)   *video*

Apply a report template (2:01)   *video*

Create a report template without a data source (5:02)   *video*

Distributing Output

Create a project in the Workbench (1:39) *video*

Publish an object package to the BI platform (1:54) *video*

To view the full SAP Crystal Reports 2011, 2013, 2016, 2020 playlist on Youtube, click here.

Crystal Reports for Visual Studio .NET SDK

This is custom documentation. For more information, please visit the SAP Help Portal

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Purpose

This is a list of fixed issues in Service Pack 1 for Crystal Reports for Visual Studio 2010 (CRVS2010).

Overview

A total of 19 issues have been addressed in Service Pack 1 for CRVS2010. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading.

Where to Download Service Pack 1

Service Pack 1 for CRVS2010 can be downloaded from the Crystal Reports for Visual Studio 2010 Reference Page Crystal Reports for Visual Studio 2010 Reference page. Click here for a direct link .The Crystal Reports for Visual Studio 2010 Reference page includes downloads for the CRVS2010 runtime MSM, MSI files and more. For more information re. CRVS2010 see the SAP Crystal Reports, Version for Visual Studio .NET web page.

List of Fixed Issuses

ADAPT Number	Synopsis	KBase Number
ADAPT01499506	PublicKey in both 32bit & 64bit runtime msi package is different from the one in product.xml	1534388
ADAPT01474910	MapInfo MapX component was not installed by CR4VS	1529045
ADAPT01500142	Event viewer error: "The keycode assembly, BusinessObjects.Licensing.KeycodeDecoder.dll, cannot be loaded"	1535792
ADAPT01496654	The webform viewer gets script error when viewer embedded into master page	1528503
ADAPT01481755	WebForm viewer truncates a hyperlinked report field where the URL contains a "="	1523020
ADAPT01500957	Using WPF Viewer control in Winform application will get NullReferenceException	1544675
ADAPT01499620	The CDO and FieldDef database drivers are not installed by CRRuntime(msi & msm)	1531487
ADAPT01507950	WPF viewer parameter panel does not accept new values when typed in	1579373
ADAPT01501286	Unable to export to Exchange folder with Office 2010	1812445
ADAPT01506024	Linked Subreport Refresh When the Main Report Returns No Data	1580338
ADAPT01507649	WPF viewer's ToggleSidePanel/ToggleGroupTree/ToggleParameterPanel properties do not work	1585557
ADAPT01510003	Some Chinese characters get corrupted when exported to PDF - if the report contains flash made by Xcelsius	1584133
ADAPT01456958	DatabaseController.SetDataSource will throw out error: Failed to load database information error on 64bit cr.net runtime	1584566
ADAPT01481563	Error: Load Report failed after unistall of Crystal Reports 64 bit runtime	1707231
ADAPT01490871	Localized help library will NOT install on localized VS2010	1707232
ADAPT01499159	ReportDocument.Load method looks for database server when report contains SQL Expression	1586085
ADAPT01511136	Error: Page Header plus Page Footer is too large for the page, when viewing a report	1812370

Related Content

Related Documents

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues
Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed Issues
Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed Issues
SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

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SAP Crystal Reports .NET API Guide

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Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Purpose

This is a list of fixed issues in Service Pack 2 for Crystal Reports for Visual Studio 2010 (CRVS2010).

Overview

This wiki documents 40 issues that have been addressed in Service Pack 2 for CRVS2010. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading.

Where to Download Service Pack 2

Service Pack 2 for CRVS2010 can be downloaded from the Crystal Reports for Visual Studio 2010 Reference page. Click here for a direct link .The Crystal Reports for Visual Studio 2010 Reference page includes downloads for the CRVS2010 runtime MSM, MSI files and more. For more information re. CRVS2010 see the SAP Crystal Reports, Version for Visual Studio .NET web page.

List of Fixed Issues

ADAPT Number	Synopsis	KBase Number
ADAPT01475924	Not able to copy text from report objects using the Crystal Reports WinForm viewer for VS .NET	1661200
ADAPT01488970	ReportClientDocument.ReportDefController.ReportObjectController cannot import a picture from folder name with a dot in it	1670839
ADAPT01491710	Error: Operation not yet implemented or Failed to Export, when exporting a Crystal Reports to Text format	1299185
ADAPT01493542	Null or empty values are not surrounded with delimiter when exported to CSV format	1451960
ADAPT01493545	Export to RTF from Crystal Reports changes ASCII value of the hyphen character	1670482
ADAPT01493590	Export to CSV file format legacy mode is missing CR/LF characters	1670500
ADAPT01509018	How to use Azalea barcode font with 64 bit Crystal Reports for Visual Studio 2010	1670895
ADAPT01511363	Error: External component has thrown an exception. Launching the Database Expert in the embedded Crystal Reports designer in Visual Studio .NET	1540637
ADAPT01511671	Underlined text breaks on applying alignment as Justified	1670882
ADAPT01513887	Alignment set to Justify causes broken underline	1545536
ADAPT01516374	WPF viewer does not print label reports correctly	1544703
ADAPT01517058	How to enable Database logging in Crystal Reports for Visual Studio 2010	1553469
ADAPT01519680	Exception "Object reference not set to an instance of an object." thrown when clicking on Parameter Panel button in Crystal Report .NET Windows Form Viewer	1525822
ADAPT01522436	Error: Record Selection: Database Field: <null>	1670881
ADAPT01523567	Missing field headers when exporting to TXT file	1664497
ADAPT01526137	Using the Crystal Reports SetTableLocation method in VS .NET causes long report processing delays	1661276
ADAPT01527240	CRVS2010 WPF Viewer error; "System.NullReferenceException was unhandled" PageControl.OnMouseMove	1566763
ADAPT01532776	Missing data on page breaks when using shared variables	1600683
ADAPT01533805	Cross-tab background colors not retained when exporting a report to PDF format	1603082
ADAPT01533847	The special Crystal Reports field, 'File Name and Path' shows temp path and temp name when viewing a report	1659185
ADAPT01534325	Error; 'Object reference not set to an instance of an object' when using the CR WPF viewer in VS2010	1544675
ADAPT01534562	Dynamic Cascading Parameter prompts two times when using the Crystal Reports in VS .NET	1452648
ADAPT01534621	Shared variable display the incorrect value in Crystal Reports	1603154
ADAPT01535025	CRVS2010; "Load Report Failed" error when Report is open in any full version of the CR Designer	1578823
ADAPT01535248	Impersonation of database Log On credentials failure in report generation when set at runtime in a .NET application	1593658
ADAPT01551066	Export to Text file format does not conform with number of lines per page setting	1670489
ADAPT01554388	Why does a CR .NET SDK web app have problems running on IIS 7 in integrated pipeline mode?	1427747
ADAPT01570515	When refreshing a report that contains a linked subreport report takes long time to execute	1580338
ADAPT01573473	GCHandle left in memory for each open and close of a Crystal Report in VS2010 application	1659111
ADAPT01573530	Error; 'Failed to load database information' when reporting off of file system data	1638191
ADAPT01581445	Memory leak when using the RAS.NET SDK SubreportController.ImportSubreport and ImportSubreportEx methods	1670501
ADAPT01580233	Error: Cannot perform a Top N sort on a group that does not exist	1670523
ADAPT01580703	Error; 'Failed to load database information' when reporting off of file system data	1631283
ADAPT00962216	Crystal Reports special field "File Path and Name" displays incorrect information in a Visual Studio .NET application	1356672
ADAPT01582281	Date function in a Selection Formula is removed when running a report in a VS .NET application	1631722
ADAPT01582862	Summary fields are converted to String fields	1661239
ADAPT01587508	Error: Buffer too small for string when adding a SummaryInfo string	1670867
ADAPT01575742	Special field "File Path and Name" grows beyond defined boundaries	1671614
NA	Error; 'Failed to load database information' when reporting off of file system data	1631283

Related Content

Related Documents

[Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues](#)
[Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed Issues](#)
[Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed Issues](#)
[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues](#)

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Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed Issues

Purpose

This is a list of fixed issues in Service Pack 3 for Crystal Reports for Visual Studio 2010 (CRVS2010).

Overview

This wiki documents 20 issues that have been addressed in Service Pack 3 for CRVS2010. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading.

Where to Download Service Pack 3

Service Pack 3 for CRVS2010 can be downloaded from the [Crystal Reports for Visual Studio 2010 Reference](#) Page. Click here for a direct link .The Crystal Reports for Visual Studio 2010 Reference page includes downloads for the CRVS2010 runtime MSM, MSI files and more. For help and more information re. CRVS2010 see the [SAP Crystal Reports, Version for Visual Studio .NET](#) web page.

List of Fixed Issues

ADAPT Number	Synopsis	KBase Number
ADAPT01175349	Unable to expand groups using the Plus sign in the group tree	[1369043](#)
ADAPT01521485	Cannot SetFocus on Crystal Report windows Form Viewer	[1693758](#)
ADAPT01554950	Attempt to redirect an iFrame via a hyperlink causes a new browser window to open	[1659152](#)
ADAPT01541121	A boolean NOT is added at the beginning of a record selection formula when the report is loaded by the Crystal Reports .NET SDK	[1584095](#)
ADAPT01582063	Parameter DefaultValue does not return a count from the Parameter collection	[1704605](#)
ADAPT01577688	Custom hyperlinks do not work in CrystalReportViewer for Visual Studio .NET	[1352591](#)
ADAPT01598769	ConvertNullFieldToDefault and ConvertOtherNullsToDefault do not exist in .NET ReportObject collection	[1704558](#)
ADAPT01580384	Date (0,0,0) is removed from SQL statement when report is executed in Visual Studio 2008 or Visual Studio 2010 application	[1704578](#)
ADAPT01607482	Adding a new group sort changed all sorts to be the same direction	1705088
ADAPT01607929	Enhancement: DoubleClick event on Report Object does not return any values	[1704452](#)
ADAPT01602949	Crystal Repors web viewer for .NET does not maintain text object's Character Spacing	[1706090](#)
ADAPT01609183	HTML export missing page footers	[1673530](#)
ADAPT01586682	Unable to perform groups in MS Excel, after Crystal Reports is exported to MS Excel format	[1706157](#)
ADAPT01612078	When selecting a value from the group tree in the .NET web form viewer the incorrect field is highlighted in the report	[1705090](#)
ADAPT01612237	Clicking on a group name in a Crystal report within the ASP.NET Crystal Report Viewer does not open a new tab containing group specific data	[1664709](#)
ADAPT01584211	Crystal Reports don't print correctly when the Clamp Page Footer option is set	[1635899](#)
ADAPT01613182	Error 1402 when installing Crystal Reports for Visual Studio 2010 runtime via the msi file	[1535811](#)
ADAPT01605636	Error: Failed to export the report - when exporting to PDF file format	[1706167](#)
ADAPT01615146	MS SQL Server 2005 and 2008 Synonyms do not show fields in Database Explorer	[1705133](#)
ADAPT01607506	Cannot change formula text at runtime, application throws an exception when the report is previewed	[1704566](#)

Related Content

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Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed Issues

Purpose

This is a list of fixed issues in Service Pack 4 for Crystal Reports for Visual Studio 2010 (CRVS2010).

Overview

This wiki documents 14 issues that have been addressed in Service Pack 4 for CRVS2010. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading.

Where to Download Service Pack 4

Service Pack 4 for CRVS2010 can be downloaded from the [Crystal Reports for Visual Studio 2010 Reference Page](#) . The Crystal Reports for Visual Studio 2010 Reference page includes downloads for the CRVS2010 runtime MSM, MSI files and more. For help and more information re. CRVS2010 see the [SAP Crystal Reports, Version for Visual Studio .NET](#) space.

List of Fixed Issues

ADAPT Number	Synopsis	KBA Number
ADAPT01614677	Navigation formatting issues exporting to HTML - increasing page length	[1738291](#)
ADAPT01610562	When exporting to text Crystal Reports for Visual Studio 2010 would insert subreport text into main report data	[1738289](#)
Enhancement	Enhancement: inProc Report Application Server equivalent of RDC CRReportKind	[1738331](#)
ADAPT01622961	Microsoft SQL Server Synonyms will not expand in Database Expert	[1738292](#)
ADAPT01627168	A boolean NOT is added at the beginning of a record selection formula when the report	[1584095](#)
ADAPT01613241	Justified text (Ctrl+J) is not justified in the SAP Crystal Reports web viewer	[1679575](#)
ADAPT01630863	A command table or stored procedure parameter is prompted for by the .Net viewer even though a value is passed at runtime by the application using the .NET	[1688115](#)
ADAPT01624698	Exporting a report with a subreport to MS Excel format takes a long time	[1738825](#)
ADAPT01628542	Double click event on field would return a RAS error - "The Report Application Server failed"	[1738796](#)
ADAPT01624661	HTML export navigation controls not translated to localize language	[1738819](#)
ADAPT01631324	Fields in Firefox overlap but look as expected in IE	[1738840](#)
ADAPT01625780	Crystal Reports for Visual Studio 2010 reads registry Pervasive Settings from Crystal Reports 2011 hive	[1738869](#)
ADAPT01640073	Error: "The table does not exists in the document"	[1738851](#)
ADAPT01631219	Inserted OLE image is removed when using .SaveAs method in VS .NET	[1739286](#)

Related Content

Related Documents

[Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues](#)

3/10/2024

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Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed Issues

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Crystal Reports v. 9.1 to SAP Crystal Reports 2013, Runtime Distribution and Supported Operating Systems

With the increasing number of versions of Crystal Reports and Visual Studio .NET, there is some confusion on which Crystal Reports runtime needs to be distributed with which version of Visual Studio .NET (VS .NET). In this article, I want to clarify what MSM or MSI files belong to which version of Crystal Reports and which of these will work on VS .NET 2002, 2003, 2005 and 2008. I have also added supported Operating System field as well as supported framework for each version of Crystal Reports. As each version of Crystal Reports has its' own specific runtime which must be correctly deployed, it is critical that the deployed runtime be in agreement with the Crystal Reports assemblies for Visual Studio .NET referenced in your project. Also, note that the CR.NET component relies on COM Interop for the backend report processing engine. It is therefore imperative that all runtime deployments are done by use of the MSM or MSI files. XCopy deployments are not supported, nor will they work. The following matrix is a summary of runtime information for Crystal Reports from Version 9.1 for VS .NET 2002 to version 2008.

Please note; any comments are very appreciated. However support queries or questions regarding details of deployment should be submitted to the "NET Development - Crystal Reports" forum

Crystal Reports Version	Assembly Version	MSM & MSI Files	URL or Hard Drive Location	Supported OS	Framework
CR 9.1 (VS .NET 2002)	9.1.3300.0	Database_Access.msm,Database_Access_enu.msm, Managed.msm, Regwiz.msm	NA	WIN XP, WIN 2000, WIN 2003	1.1
CR 9.1 (VS .NET 2003)	9.1.5000.0	Crystal_Database_Access2003.msm, Crystal_Database_Access2003_enu.msm, Crystal_Managed2003.msm, Crystal_regwiz2003.msm	NA	WIN XP, WIN 2000, WIN 2003	1.1
Crystal Reports 9.2.x	9.2.3300.0	Reportengine.msm, Crnetruntime.msm, Mapping.msm, License.msm,	NA	WIN XP, WIN 2000, WIN 2003	1.1
		Cr9redist.msi	NA	WIN XP, WIN 2000, WIN 2003	1.1
Crystal Reports 10.0.x	10.0.3300.0	CrystalReports10_NET_EmbeddedReporting.msm, CrystalReports10_NET_RemoteReporting.msm, CrystalReports10_NET_WebServiceReporting.msm	NA	Win XP, WIN 2000, WIN 2003	1.1
		CrystalReports10_NET_EmbeddedInstall.msi	NA	Win XP, WIN 2000, WIN 2003	1.1
CR 10.2 (VS .NET 2005)	10.2.3600.0	CRRedist2005_IA64.msi (64 bit Itanium) #	C:\Program Files\Microsoft Visual Studio 8\Crystal Reports\CRRedist\IA64	WIN XP, WIN 2000, WIN 2003	2.0
		CRRedist2005_X64.msi (64 bit Intel) #	C:\Program Files\Microsoft Visual Studio 8\Crystal Reports\CRRedist\X64	WIN XP, WIN 2000, WIN 2003,	2.0
		CRRedist2005_x86.msi (BootStrapper) #	C:\Program Files\Microsoft Visual Studio 8\sdk\v2.0\Bootstrapper\Packages\Crystal Reports	WIN XP, WIN 2000, WIN 2003	2.0
		CRRedist2005_x86.msm	NA	WIN XP, WIN 2000, WIN 2003,	2.0
		CRRedist2005_x86.msi #	c:\program files\microsoft visual studio	WIN XP, WIN 2000, WIN 2003	2.0

			8\sdk\v2.0\bootstrapper\packages\crystal reports		
		cr_net_2005_mm_mlb_ia64.zip	NA	WIN XP, WIN 2000, WIN 2003	2.0
		cr_net_2005_mm_mlb_ia64.zip	NA	WIN XP, WIN 2000, WIN 2003	2.0
CR 10.5 (VS .NET 2008)	10.5.3700.0	CRRedist2008_ia64.msi (64 bit Itanium) CRRedist2008_x64.msi (64 bit Intel) CRRedist2008_x86.msi (BootStrapper)	NA	WIN XP, WIN 2003, WIN 2008, WIN Vista, WIN 7	2.0, 3.5
CR XI R1	11.0.3300.0	Crystal11_Net_EmbeddedReporting.msm CrystalReports11_NET_EmbeddedInstall.msi	NA	WIN XP, WIN 2000, WIN 2003	1.1
CR XI R2 (SP 6)	11.5.3300.0	CrystalReports11_5_NET.msm (.NET 2003) CrystalReports11_5_NET_2005.msm (.NET 2005) CrystalReports11_5_maps.msm	Download Link	WIN XP, WIN 2000, WIN 2003, WIN Vista, WIN 7	1.1, 2.0
		CrystalReports11_5_NET.msi (.NET 2003) CrystalReports11_5_NET_2005.msi (.NET 2005)	Download Link	WIN XP, WIN 2000, WIN 2003, WIN Vista, WIN 7	1.1, 2.0
		CrystalRedist115_X86.msi (BootStrapper)	c:\program files\microsoft visual studio 8\sdk\v2.0\bootstrapper\packages\crystal reports	WIN XP, WIN 2000, WIN 2003, WIN Vista, WIN 7	1.1, 2.0
CR 2008 (SP 7)	12.0.1100.0 (framework 1.1), 12.0.2000.0 (framework 2.0, 3.5)	CRRuntime_12_5_mlb.msi, CRRuntime_12_5_mlb.exe CRRuntime_12_5.msm	Available from SAP Service Market Place only	WIN XP, WIN 2003, WIN 2008, WIN Vista, WIN 7, WIN 2012	1.1, 2.0, 3.0, 3.5
CRVS2010	13.0.2000.0	CRRuntime_32bit_16_0_x.msi CRRuntime_64bit_16_0_x.msi CRRuntime_16_0_x.msm	Download Links	WIN 2003, WIN 2008, WIN Vista, WIN 7, WIN 8 / 8.1, WIN 2010, WIN 2012^	2.0, 3.0, 3.5, 4.0, 4.5
CR 2011 SP 5+	14.0.x	N/A*	NA	WIN 3.1, WIN 2003, WIN 2008, WIN Vista, WIN 7, WIN 8.x, WIN 2012	N/A
CR 2013 SP 3+	14.1.x	NA*	NA	WIN 2008, WIN 7, WIn 8.x, WIN 2012	N/A

+ For more information see From Crystal Reports 2008 to SAP Crystal Reports 2011 or SAP Crystal Reports for Enterprise

* Crystal reports 2011 does not install any SDK. For SDK for Visual Studio .NET see SAP Crystal Reports, developer version for Microsoft Visual Studio

^ SAP Crystal Reports 2008 SP7 for Windows - Supported Platforms

For Java SDK see SAP Crystal Reports, Version For Eclipse Download

For most recent downloads, see the Business Objects Support Software Downloads page.

#Service Pack 1 for CR 10.2 MSI files are not available for download. These files are updated on the development computer once the Service Pack 1 for CR 10.2 is applied. SP 1 is available for download at the following link:

https://smpdl.sap-ag.de/~sapidp/012002523100006007872008E/crvs05sp1.exe

The following section contains links to more detailed information regarding runtime deployment for each version of Crystal Reports.

Crystal Reports 9.1:
http://msdn.microsoft.com/en-us/library/aa287920.aspx

Crystal Reports 9.2:

Integrated into Visual Studio .NET IDE

Crystal Reports 10.2:
http://msdn.microsoft.com/en-us/library/ms225299(VS.80).aspx

Crystal Reports 10.5:
http://msdn.microsoft.com/en-us/library/ms225299.aspx

Crystal Reports XI release 1:
http://devlibrary.businessobjects.com/BusinessObjectsXIR2SP2/en/devsuite.htm
Navigate to: Crystal Reports .NET SDK -> .NET Developer Guide and API Reference -> Deployment -> Deployment in Crystal Reports XI

Crystal Reports XI release 2:
http://devlibrary.businessobjects.com/BusinessObjectsxIR2SP2/en/devsuite.htm

Navigate to: Crystal Reports .NET SDK -> .NET Developer Guide and API Reference -> Deployment -> Deployment in Crystal Reports XI R2

Crystal Reports 2008, Service Packs. See the following Wiki:

https://wiki.sdn.sap.com/wiki/display/BOBJ/Crystal+Reports+2008+-+Version+and+Download+information+for+SPs+and+FPs

CRVS2010; for more information see the blog Crystal Reports for Visual Studio 2010 Production Release Now Available. Note that 64 bit runtime is only available as an MSI. There is no 64 bit MSM file available.

Crystal Reports, Developer for Visual Studio Downloads

Purpose

The purpose of this document is to provide a quick look-up of all Support Packs, Fixed Issues and downloads available for "SAP Crystal Reports, developer version for Microsoft Visual Studio" (SAP Crystal Reports for Visual Studio).

Overview

Refer to the table below for details on compatibility between versions of Visual Studio and Crystal Reports for Visual Studio Support Packs.

Version of Visual Studio	Compatible Crystal Reports for Visual Studio Support Pack
VS 2010	All support packs
VS 2012	SP 7 and higher
VS 2013	SP 9 and higher
VS 2015C	SP14
VS 2015	SP15 and higher
VS 2017	SP21 and higher
VS 2019	SP25 and higher (note: some issues reported with embedded Report Designer)
VS 2019	SP 26 and higher (note: above issues resolved)
VS 2022	SP32 and higher (note: option of 64 bit installer for VS 2022 only)

Important Links:

- **All reference material** (including release notes, installation guides, developer guides, etc) on the help portal page: SAP Crystal Reports, Developer Version for Microsoft Visual Studio. You can choose specific support packs by clicking the blue dropdown arrow at the top.
- Life Cycle Dates for Crystal Reports for Visual Studio found on the SAP Crystal Products - End of Mainstream Maintenance Dates wiki page.
- SAP Crystal Reports for Visual Studio Supported Platforms

Important General Notes:

- If you have an issue in Crystal Reports for Visual Studio, you must test it with the latest Support Pack release. Any fixes would be released in a future Support Pack.
- SAP Crystal Reports, Developer Version for Visual Studio .NET does NOT support Express Editions of any version of Visual Studio
- As of SP 29 we now register the Assemblies into GAC using this folder: C:\Windows\Microsoft.NET\assembly
  - Previous versions were placed in this folder: C:\Windows\assembly

Support Packs, Fixed Issues and Distribution File downloads

Downloading

Download the **most recent** Support Pack for Crystal Reports for Visual Studio here: SAP Crystal Reports, version for Visual Studio.

For **all available** Support Pack downloads, please visit this software downloads page.

The installation guide can be found on the help portal page: SAP Crystal Reports, Developer Version for Microsoft Visual Studio. You can choose specific support packs by clicking the blue dropdown arrow at the top.

Please follow . As mentioned there, you **must** right click the Install Executable and select "Run as Administrator".

Notes:

- If you are using any third party applications (ie OEM) that use the SDK package Please check with the makers of the software and ask if they have tested with the version you are downloading. If they do not support it at this time do not install the package on your PC, it could break their application.
- Installing the MSI will not fully integrate Crystal Reports into VS. **MSI files by definition are for runtime distribution only**. Do not run the MSI's on your Development PC, where VS is installed, not required.

Support Pack Details

The list below links to or describes the important changes in each Support Pack, up to SP 19.

Note: SP 21 and 26 had important updates that, like other support packs, apply to support packs after them.

Support Pack	Link/Description of New Fixed Issues
SP 35	Fixed Issues
SP 34	Fixed Issues

SP 33	[Fixed Issues](#)
SP 32	[Fixed Issues](#)
SP 31	[Fixed Issues](#)
SP 30	[Fixed Issues](#)
SP 29	1. Windows 10 2004 support 2. VS 2019 Update 7 support 3. HANA 2.0 SP05 support Fixed issue - [2947850 - Exporting HTML wrapped in text causes Crystal Reports Designer 2016+ and .NET CR for VS SP 27 CR Viewer to crash when exporting to txt format](#) As of SP 29 we now register the Assemblies into GAC using this folder: C:\Windows\Microsoft.NET\assembly Previous versions were placed in this folder: C:\Windows\assembly
SP 28	[Fixed Issues](#)
SP 27	Fixed Issues 1. Win10 1909 2. SQL Server 2019 3. Browser updates (Latest Chrome) Please note, SP27 "Web Service / XML Data Driver" will be uploaded later, once a known issue is solved. Please note, SP27 will not be uploaded to the old Akamai site. Only 1 public fixed issue - [2889303](#) - Crystal Reports for Visual Studio SP 26 - Next Page causes Optional Parameter to prompt for value
SP 26	[Fixed Issues](#) 1. .NET Framework 3.5.1 is no longer supported, we'd recommend to use .NET Framework 4.5.2. 2. Assembly version of CR .NET and RAS .NET upgrade from 13.0.3500.0 to 13.0.4000.0, user should load their project in VS to migrate the references. 1. FlashControlV71 had been removed and replaced by AxShockwaveFlashObjects and ShockwaveFlashObjects; they're NOT required to add as reference in project, will be called by CrystalDecisions.Windows.Forms on runtime automatically. 3. There will be problem if application built with .NET Framework 4.0 as target framework and printed to Microsoft XPS Document Writer via ReportDocument.PrintToPrinter API (the same in Winform/WPF Viewer print). 1. Support for .NET Framework 4, 4.5, and 4.5.1 ended on January 12, 2016 [per Microsoft](#) 2. To solve this problem, user should target their project to .NET Framework 4.5.2 or above and re-build it. 4. If end-user use in-place upgrading from SP25 or previous version, after upgrading, they must repair the installation in Control Panel/Programs. Otherwise, the ADO.Net database connection will NOT work. 5. The prerequisites Microsoft_VC120_CRT_x86.msm, Microsoft_VC140_CRT_x86.msm and Microsoft_VC140_MFC_x86.msm should be added when using CR Runtime Merge Modules, or used vcredist_x86.exe from Visual C++ Redistributable Packages for Visual Studio 2013 and Visual Studio 2015. 6. Microsoft Windows Update KB2999226 is still required for all OS before the Windows 10/Windows Server 2016.
SP 25	[Fixed Issues](#)
SP 24	
SP 23	[Fixed Issues](#)
SP 22	[Fixed Issues](#)
SP 21	[Fixed Issues](#) · In-place upgrades are no longer supported. Older version of Crystal Reports for Visual Studio must be removed before installing the new version. · See KBA for more info - **For Installation issues PLEASE see this KBA -** [2536330 - In-place (FlexNet), MSI and Merge Modules upgrade from Crystal Reports for Visual Studio SP xx to SP 21 does not work](#) · For more info search for this Kbase article: · For reports using the ADO.Net DB connection, in previous SP's, you could only work under .Net Framework 2.0/3.5, so using <startup useLegacyV2RuntimeActivationPolicy="true"> in app.config is required. Now in SP21 and above, ADO.Net is only supported on .Net Framework 3.5 or above and you can remove the tag.
SP 20	1. HANA 2.0 SPS01 2. Addressed 5+ customer Incidents.
SP 19	1. Windows Server 2016 2. IIS 10 on Windows Server 2016 3. Addressed over 10 customer Incidents.

Important Notes:

- Please refer to Knowledge Base article [2007224](#) for more info on configuring WEB Applications in Visual Studio 2013.
- Manual deployment of crdb_xml drivers requires an installed JVM

- 1871962 – How To manually deploy Service Pack 6, and above, crdb_XML data source driver for Crystal Reports Developer for Visual Studio
- Note: Clickonce32/64 is managed by the xml file for which one is installed.
- 1534388– CRVS2010 – Creating Click Once deployment
- Note: Click Once "Homesite" is to tell your installer to go here for the runtime.

Related Content

Related Documents

Crystal Reports for Visual Studio Licensing

Getting started and moving ahead with Crystal Reports .NET applications

See this Blog for instructions upgrading your existing project to the latest SP

See this blog on how to use CR 2020 Export to XLXS page formats:

How to use the new CR 2020 export to Microsoft Excel(XLXS) in Visual Studio .NET code (new)

how-to-parameters-in-crystal-reports-for-visual-studio-net

Printing Crystal Reports in .NET

SAP Crystal Reports for Visual Studio Installation Guide (SP 21 and above)

Related Notes

1544708 – What are the runtime dependencies for CRVS2010?

1531409 – How to deploy the CRVS2010 runtime when using merge modules?

1606608 – Where is the SDK for VS .NET in Crystal Reports 2011?

1606663 – Does Crystal Reports SDK for VS .NET work with Delphi Prism?

1606621 – What .NET frameworks does CRVS2010 support?

For more information, use the search box in the right top corner of this page. Ensure that "All of SAP" is selected from the drop down.

This is a list of fixed issues in Service Pack 21 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 5+ issues and 1 Enhancement Request that have been addressed in Service Pack 21 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2015.

New in this Release

1. Integration with Visual Studio 2017
2. .NET Framework 4.7
3. FireFox ESR 52
4. Addressed 10+ customer Incidents.

Where to Download Service Pack 21

Service Pack 21 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

All Reference Material on help.sap.com for CR for VS

List of Fixed Issues - Note: SAP is no longer using Adapt - SAP Note will have link to Work Bench ID

CSS / ADAPT ID	Synopsis	KBA number	SAP Note ID
Incident 379106	Crystal 2016 SP04 DLL's not being registered - side by side issue with CR for VS SP 20	2519053	2519523
Incident 364284	PDF output format differ between Crystal designer and Crystal runtime	2513444	
Incident 350882	Setting page length to 0 generates an error when exporting to TXT format in CR for VS	2504603	
Incident 278933	In Crystal C# API we are unable to receive the error description raised with Raiserror in the report's stored procedure	2502573	
Incident 258759	ER- Need ability to change GroupBy clause for summary field	2448663	
Incident 248562	Text Field from different rows overlapping in Crystal Report	2487010	
Incident 219812	Group Field Name ending with '_' causes an error in Formula name and report fails to open	2471288	
Incident 204635	CrystalWebViewer doesn't consider z-depth on multiple elements overlaying each other	2467042	
Incident 179409	Crystal Report Issue with 64 bit Compilation in Grouping	2463476	
Incident 156727	OnDemand subreport generates instance not set to an instance of an object when drilling down	2456246	
Incident 125375	Security Threat / Exploit in Crystal Reports, Restricted export format can be exported	2443572	
Incident 20786	WPF/WinForm Viewers Zoom modes @ 150% cause viewer issues	2415218	
Incident 323909	ER - POC has no Progress indicator when printing a report	2368340	

Known issues:

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

3/10/2024

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues](#)

[SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues](#)

[SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 14 - fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 15 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 16 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 17 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 18 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 19 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 20 - Fixed Issues](#)

This is a list of fixed issues in Service Pack 21 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 5+ issues and 1 Enhancement Request that have been addressed in Service Pack 21 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2015.

New in this Release

1. Integration with Visual Studio 2017
2. .NET Framework 4.7
3. FireFox ESR 52
4. Addressed 10+ customer Incidents.

Where to Download Service Pack 21

Service Pack 21 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document [SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads](#). The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

[All Reference Material on help.sap.com for CR for VS](#)

List of Fixed Issues - Note: SAP is no longer using Adapt - SAP Note will have link to Work Bench ID

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Incident 258759	ER- Need ability to change GroupBy clause for summary field	2448663	
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Incident 179409	Crystal Report Issue with 64 bit Compilation in Grouping	2463476	
Incident 156727	OnDemand subreport generates instance not set to an instance of an object when drilling down	2456246	
Incident 125375	Security Threat / Exploit in Crystal Reports, Restricted export format can be exported	2443572	
Incident 20786	WPF/WinForm Viewers Zoom modes @ 150% cause viewer issues	2415218	
Incident 323909	ER - POC has no Progress indicator when printing a report	2368340	

Known issues:

Related Content

Related Documents

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms](#)

[Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues](#)

[Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues](#)

[Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues](#)

[Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues](#)

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[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues](#)

[SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues](#)

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[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 18 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 19 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 20 - Fixed Issues](#)

[All Reference Material on help.sap.com for CR for VS](#)

This is a list of fixed issues in Service Pack 22 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 8+ issues addressed in Service Pack 22 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2017.

New in this Release

1. Addressed 8+ customer Incidents.

Where to Download Service Pack 22

Service Pack 22 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

All Reference Material on help.sap.com for CR for VS

List of Fixed Issues - Note: SAP is no longer using Adapt - SAP Note will have link to Work Bench ID

CSS / ADAPT ID	Synopsis	KBA number	SAP Note ID
Incident 525584	Clicking on an Ondemand subreport or Hyperlink in the WPF viewer does nothing	2557151	2562441
Incident 509148	CR for VS SP 21 integration into VS 2017 on Windows 7/10 32 bit generates error building project	2553621	
Incident 447411	In-place upgrade from Crystal Reports Runtime SP20 to SP21 results in broken Crystal Reports runtime installation See below for more info	2504603	
Incident 414735	Searching RPTR reports will only search current page in a .NET application	2527230	2528276
Incident 414462	SQLExpressions registers incorrect data type	2525150	2530776
Incident 411050	CPU consumption by idle Crystal Reports WPF viewer	2521077	2527615
Incident 381713	Windows 10 Creator: Missing Scrollbar Handle in Parameter Dialog	2517027	2524725
ADAPT01659129 TE5000448621	Azalea 64 bit UFL and fonts not install with 64 bit redist package		

Known issues:

1. In-Place upgrading from SP21 to SP22 in CR4VS+CRRuntime64 scenario:

Due to the limitation of our installer, after in place upgrading from SP21 to SP22(CR4VS+CRRuntime64), **CrystalDecisions.Data.AdoDotNetInterop.dll** will be removed from below path:

C:\Program Files (x86)\SAP BusinessObjects\Crystal Reports for .NET Framework 4.0\Common\SAP BusinessObjects Enterprise XI 4.0\win32_x86\dotnet

The CrystalDecisions.Data.AdoDotNetInterop.dll is required to support UDT(User-Defined Types) of MS SQL Server for design time of Crystal Reports.

To make sure UDT is working, please use below workaround:

Run Visual Studio Command Prompt(VS2010) or Developer Command Prompt, execute below command:

Regasm "C:\Program Files (x86)\SAP BusinessObjects\Crystal Reports for .NET Framework 4.0\Common\SAP BusinessObjects Enterprise XI 4.0\win64_x64\dotnet\CrystalDecisions.Data.AdoDotNetInterop.dll"

PS: This limitation only happens to in-place upgrading from SP21 to SP22 in CR4VS+CRRuntime64 environment, and it only impacts designing report to use UDT in MS SQL Server.

1. Visual Studio 2017 Update 5

In Visual Studio 2017 Update 5, creating a Web Site project is changed. There is no File->New->Web Site entry anymore, ASP.NET WebSite project templates are all merged into New Project dialog.

However CR Web Site project template are not there, users will need search "Crystal Reports" in New Project dialog to get CR Web Site Project templates.

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 18 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 19 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 20 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 21 - Fixed Issues

This is a list of fixed issues in Service Pack 22 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 8+ issues addressed in Service Pack 22 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2017.

New in this Release

1. Addressed 8+ customer Incidents.

Where to Download Service Pack 22

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PS: This limitation only happens to in-place upgrading from SP21 to SP22 in CR4VS+CRRuntime64 environment, and it only impacts designing report to use UDT in MS SQL Server**.**

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Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 14 - fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 15 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 16 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 17 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 18 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 19 - Fixed Issues

3/10/2024

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 20 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 21 - Fixed Issues

All Reference Material on help.sap.com for CR for VS

3/10/2024

This is a list of fixed issues in Service Pack 23 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 8+ issues addressed in Service Pack 23 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2017.

New in this Release

1. Addressed 10+ customer Incidents
2. Security improvements
3. .NET Framework 4.7.2
4. Firefox ESR 60
5. Microsoft Edge HTML 17.17134

Where to Download Service Pack 23

Service Pack 23 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

All Reference Material on help.sap.com for CR for VS

List of Fixed Issues - Note: SAP is no longer using Adapt - SAP Note will have link to Work Bench ID

CSS / ADAPT ID	Synopsis	KBA number	SAP Note ID
Incident 185884	Security update noted in KBA 1999142 needs to be ported into Cortez SP 23		1999142
Incident 160679	Page Margin Conditional formula ignored when Report is printed	2629318	2641617
Incident 84098	CR Print label using c# alignment issue	2608379	2641776
Incident 87397	WPF viewer will not print landscape on Windows 10 1709 and Windows 7	2607294	2615736
Incident 32298	On-Demand subreports caption alignment in WPF Viewer is always left	2593024	
Incident 593723	Crystal report throws error "Failed to render page" when empty BLOB field is used	2592177	
Incident 581464	Error in compiling SQL Expression occurs when validating the SQL of an SQL Expression Field in Crystal Reports		2579824
Incident 499310	VS 2017 slow to load multiple Projects using Crytal Report for VS SP 21	2550434	
Incident 153882	Crystal Reports - Page size out of range, reduce to the max page size (200 inches)		2626375
Incident 106553	Crystal Reports crash when refreshing a report that filter the data on a time range, if the end time is equal to 11:59:59 pm		2631822
Incident 173710	The default fonts setting page incorrectly display in Crystal Reports 2016		2634235
Incident 70172	Lao UI characters display incorrect after exporting to pdf on SAP Crystal report 2016		2603667
Incident 150196	Black stripes in images when exported to PDF and viewed on IOS		2626088

Known issues:

1. In-Place upgrading from SP21 to SP23 in CR4VS+CRRuntime64 scenario:

Due to the limitation of our installer, after in place upgrading from SP21 to SP22(CR4VS+CRRuntime64), **CrystalDecisions.Data.AdoDotNetInterop.dll** will be removed from below path:

C:\Program Files (x86)\SAP BusinessObjects\Crystal Reports for .NET Framework 4.0\Common\SAP BusinessObjects Enterprise XI 4.0\win32_x86\dotnet

The CrystalDecisions.Data.AdoDotNetInterop.dll is required to support UDT(User-Defined Types) of MS SQL Server for design time of Crystal Reports.

To make sure UDT is working, please use below workaround:

Run Visual Studio Command Prompt(VS2010) or Developer Command Prompt, execute below command:

Regasm "C:\Program Files (x86)\SAP BusinessObjects\Crystal Reports for .NET Framework 4.0\Common\SAP BusinessObjects Enterprise XI 4.0\win64_x64\dotnet\CrystalDecisions.Data.AdoDotNetInterop.dll"

PS: This limitation only happens to in-place upgrading from SP21 to SP22 in CR4VS+CRRuntime64 environment, and it only impacts designing report to use UDT in MS SQL Server.

1. Visual Studio 2017 Update 5

In Visual Studio 2017 Update 5, creating a Web Site project is changed. There is no File->New->Web Site entry anymore, ASP.NET WebSite project templates are all merged into New Project dialog.

However CR Web Site project template are not there, users will need search "Crystal Reports" in New Project dialog to get CR Web Site Project templates.

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 14 - fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 15 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 16 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 17 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 18 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 19 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 20 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 21 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 22 - Fixed Issues

This is a list of fixed issues in Service Pack 23 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 8+ issues addressed in Service Pack 23 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2017.

New in this Release

1. Addressed 10+ customer Incidents
2. Security improvements
3. .NET Framework 4.7.2
4. Firefox ESR 60
5. Microsoft Edge HTML 17.17134

Where to Download Service Pack 23

Service Pack 23 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

All Reference Material on help.sap.com for CR for VS

List of Fixed Issues - Note: SAP is no longer using Adapt - SAP Note will have link to Work Bench ID

CSS / ADAPT ID	Synopsis	KBA number	SAP Note ID
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CSS / ADAPT ID	Synopsis	KBA number	SAP Note ID
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Incident 84098	CR Print label using c# alignment issue	2608379	2641776
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Known issues:

1. In-Place upgrading from SP21 to SP23 in CR4VS+CRRuntime64 scenario:

Due to the limitation of our installer, after in place upgrading from SP21 to SP22(CR4VS+CRRuntime64), **CrystalDecisions.Data.AdoDotNetInterop.dll** will be removed from below path:

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The CrystalDecisions.Data.AdoDotNetInterop.dll is required to support UDT(User-Defined Types) of MS SQL Server for design time of Crystal Reports.

To make sure UDT is working, please use below workaround:

Run Visual Studio Command Prompt(VS2010) or Developer Command Prompt, execute below command:

Regasm "C:\Program Files (x86)\SAP BusinessObjects\Crystal Reports for .NET Framework 4.0\Common\SAP BusinessObjects Enterprise XI 4.0\win64_x64\dotnet\CrystalDecisions.Data.AdoDotNetInterop.dll"

PS: This limitation only happens to in-place upgrading from SP21 to SP22 in CR4VS+CRRuntime64 environment, and it only impacts designing report to use UDT in MS SQL Server**.**

1. Visual Studio 2017 Update 5

In Visual Studio 2017 Update 5, creating a Web Site project is changed. There is no File->New->Web Site entry anymore, ASP.NET WebSite project templates are all merged into New Project dialog.

However CR Web Site project template are not there, users will need search "Crystal Reports" in New Project dialog to get CR Web Site Project templates.

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 20 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 21 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 22 - Fixed Issues

All Reference Material on help.sap.com for CR for VS

3/10/2024

This is a list of fixed issues in Service Pack 24 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 8+ issues addressed in Service Pack 24 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2017.

New in this Release

1. Addressed 10+ customer Incidents
2. Visual Studio 2017 Update 9
3. Oracle 18c
4. SQL Server 2017
5. Chrome 70
6. Flash Player 31

Where to Download Service Pack 24

Service Pack 24 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

All Reference Material on help.sap.com for CR for VS

List of Fixed Issues - Note: SAP is no longer using Adapt - SAP Note will have link to Work Bench ID

CSS / ADAPT ID	Synopsis	KBA number	SAP Note ID
Incident 345340	Saved Printer Name does not get updated in .NET SDK	2665771	_
Incident 315436	Saved Printer and Paper info boxes need to be expanded for longer names	_2670626	
Incident 151207	Default printer incorrectly selected in Terminal Server environment	2631171	2653192
Incident 444439	Crystal Report to PDF show incorrect position of Thai character	_2704976	_
Incident 353320	When using Tight Alignment on a Border object when viewed in CR for VS Winform Viewer does not fit	2669561	2670952
1870302906	ER - Microsoft ODBC 17 support for SQL Server	2682852	2682798

Known issues:

1. In-Place upgrading from SP21 to SP24 in CR4VS+CRRuntime64 scenario:

Due to the limitation of our installer, after in place upgrading from SP21 to SP22(CR4VS+CRRuntime64), **CrystalDecisions.Data.AdoDotNetInterop.dll** will be removed from below path:

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 22 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 23 - Fixed Issues

This is a list of fixed issues in Service Pack 24 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 8+ issues addressed in Service Pack 24 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2017.

New in this Release

1. Addressed 10+ customer Incidents
2. Visual Studio 2017 Update 9
3. Oracle 18c
4. SQL Server 2017
5. Chrome 70
6. Flash Player 31

Where to Download Service Pack 24

Service Pack 24 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

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Due to the limitation of our installer, after in place upgrading from SP21 to SP22(CR4VS+CRRuntime64), **CrystalDecisions.Data.AdoDotNetInterop.dll** will be removed from below path:

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To make sure UDT is working, please use below workaround:

Run Visual Studio Command Prompt(VS2010) or Developer Command Prompt, execute below command:

Regasm "C:\Program Files (x86)\SAP BusinessObjects\Crystal Reports for .NET Framework 4.0\Common\SAP BusinessObjects Enterprise XI 4.0\win64_x64\dotnet\CrystalDecisions.Data.AdoDotNetInterop.dll"

PS: This limitation only happens to in-place upgrading from SP21 to SP22 in CR4VS+CRRuntime64 environment, and it only impacts designing report to use UDT in MS SQL Server.

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In Visual Studio 2017 Update 5, creating a Web Site project is changed. There is no File->New->Web Site entry anymore, ASP.NET WebSite project templates are all merged into New Project dialog.

However CR Web Site project template are not there, users will need search "Crystal Reports" in New Project dialog to get CR Web Site Project templates.

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 20 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 21 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 22 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 23 - Fixed Issues

All Reference Material on help.sap.com for CR for VS

3/10/2024

This is a list of fixed issues in Service Pack 25 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 8+ issues addressed in Service Pack 24 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2017.

New in this Release

1. Addressed 9 customer Incidents
2. Visual Studio 2019
3. Certified Oracle JDK 8 for CRDB XML driver
4. Certified Oracle JDK 11 / Open JDK 11 for CRDB XML driver
5. Win10 1809
6. Security updates

Where to Download Service Pack 25

Service Pack 24 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

All Reference Material on help.sap.com for CR for VS

List of Fixed Issues - Note: SAP is no longer using Adapt - SAP Note will have link to Work Bench ID

CSS / ADAPT ID	Synopsis	KBA number	SAP Note ID
Incident: 1870333431	Sensitive database information disclosure		2687663
Incident 62010	DPI awareness in CR-Viewer	2769494	2754631
Incident 161146	DPI awareness in CR-Viewer 2 - toolbar icons	2773766	
Incident 161220	DPI awareness in CR-Viewer 3 - status bar	2773458	
Incident 181740	Crystal Reports 2016 using Polish Language and DBF data	2784446	
Incident 191930	Crystal Report for visual studio 2017 - 13.0.24 - Unsafe Use Of Target blank	2782004	
Internal Incident: 1870490803	Dynamic parameter prompt loads slowly in CR Designer	1599386	
Internal Incident: 1880690596 **B1** Incident 301201 / 2018 **B1** Incident 370239 / 2018	ToWords formula doesn't work on PL and RU crystal "towords" not correct in SAP B1		
Incident 565217	Suppress Embedded Field Blank Lines also looks at static text and does not suppress	2717935	

Known issues:

1. In-Place upgrading from SP21 to SP25 in CR4VS+CRRuntime64 scenario:

Due to the limitation of our installer, after in place upgrading from SP21 to SP22(CR4VS+CRRuntime64), **CrystalDecisions.Data.AdoDotNetInterop.dll** will be removed from below path:

C:\Program Files (x86)\SAP BusinessObjects\Crystal Reports for .NET Framework 4.0\Common\SAP BusinessObjects Enterprise XI 4.0\win32_x86\dotnet

The CrystalDecisions.Data.AdoDotNetInterop.dll is required to support UDT(User-Defined Types) of MS SQL Server for design time of Crystal Reports.

To make sure UDT is working, please use below workaround:

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PS: This limitation only happens to in-place upgrading from SP21 to SP22 in CR4VS+CRRuntime64 environment, and it only impacts designing report to use UDT in MS SQL Server.

1. Visual Studio 2017 Update 5

In Visual Studio 2017 Update 5, creating a Web Site project is changed. There is no File->New->Web Site entry anymore, ASP.NET WebSite project templates are all merged into New Project dialog.

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Related Content

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 21 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 22 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 23 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 24 - Fixed Issues

This is a list of fixed issues in Service Pack 25 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 8+ issues addressed in Service Pack 24 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2017.

New in this Release

1. Addressed 9 customer Incidents
2. Visual Studio 2019
3. Certified Oracle JDK 8 for CRDB XML driver
4. Certified Oracle JDK 11 / Open JDK 11 for CRDB XML driver
5. Win10 1809
6. Security updates

Where to Download Service Pack 25

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List of Fixed Issues - Note: SAP is no longer using Adapt - SAP Note will have link to Work Bench ID

This is custom documentation. For more information, please visit the SAP Help Portal 28

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Incident 565217	Suppress Embedded Field Blank Lines also looks at static text and does not suppress	2717935	

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Due to the limitation of our installer, after in place upgrading from SP21 to SP22(CR4VS+CRRuntime64), **CrystalDecisions.Data.AdoDotNetInterop.dll** will be removed from below path:

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

3/10/2024

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 14 - fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 15 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 16 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 17 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 18 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 19 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 20 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 21 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 22 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 23 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 24 - Fixed Issues

All Reference Material on help.sap.com for CR for VS

3/10/2024

This is a list of fixed issues in Service Pack 26 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 8+ issues addressed in Service Pack 24 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2017.

New in this Release

1. Addressed customer Incidents

2. Windows Server 2019 and Win10 1903

3. .NET Framework 4.8

4. Data source updates (Excel/Access 2019, HANA 2.0 SP04, Oracle 19c)

5. Browser updates (Latest Chrome, Firefox ESR 68)

6. Security updates

Where to Download Service Pack 26

Service Pack 26 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

All Reference Material on help.sap.com for CR for VS

List of Fixed Issues:

CSS / Work Bench ID	Synopsis	KBA number	SAP Note ID
Incident 287139	Using images from DB blob fields in a RPTR file generates an error on load using the engine	2796627	
Incident 318996	Embedded Report Designer in Visual Studio 2017 and 2019 locks up or no context menu on Windows 10 1809	2799326	

Known issues:

1. Please note, SP26 will not upload to Akamai, and download links like below should no longer be used.

   E.g. CR for VS SP25:

   http://downloads.businessobjects.com/akdlm/cr4vs2010/CRforVS_13_0_25.exe

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 14 - fixed Issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 16 - Fixed Issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 18 - Fixed Issues

3/10/2024

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 19 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 20 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 21 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 22 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 23 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 24 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 25 - Fixed Issues

This is a list of fixed issues in Service Pack 26 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 8+ issues addressed in Service Pack 24 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2017.

New in this Release

1. Addressed customer Incidents
2. Windows Server 2019 and Win10 1903
3. .NET Framework 4.8
4. Data source updates (Excel/Access 2019, HANA 2.0 SP04, Oracle 19c)
5. Browser updates (Latest Chrome, Firefox ESR 68)
6. Security updates

Where to Download Service Pack 26

Service Pack 26 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

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List of Fixed Issues:

CSS / Work Bench ID	Synopsis	KBA number	SAP Note ID
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Known issues:

1. Please note, SP26 will not upload to Akamai, and download links like below should no longer be used.

   E.g. CR for VS SP25:

   http://downloads.businessobjects.com/akdlm/cr4vs2010/CRforVS_13_0_25.exe

Related Content

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Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

3/10/2024

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 14 - fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 15 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 16 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 17 - Fixed Issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 23 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 24 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 25 - Fixed Issues

All Reference Material on help.sap.com for CR for VS

This is a list of fixed issues in Service Pack 28 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 8+ issues addressed in Service Pack 28 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2019.

New in this Release

1. Addressed customer Incidents
2. Security updates

Where to Download Service Pack 28

Service Pack 28 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

All Reference Material on help.sap.com for CR for VS

List of Fixed Issues:

CSS / Work Bench ID	Synopsis
Incident 267935	crystalReportViewer_Load event not firing with SP25, 26 and 27
Incident 268362	ER- How to obtain the data source column name for a Dynamic Parameter's "Description" (CR4VS)
Incident 206690	CR for VS - Text of a Paragraph Text Element inside a Text Object, loses the Text Interpretation

Known issues:

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 23 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 24 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 25 - Fixed Issues

This is a list of fixed issues in Service Pack 28 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 8+ issues addressed in Service Pack 28 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2019.

New in this Release

1. Addressed customer Incidents
2. Security updates

Where to Download Service Pack 28

Service Pack 28 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

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List of Fixed Issues:

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Incident 267935	crystalReportViewer_Load event not firing with SP25, 26 and 27
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Known issues:

Related Content

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

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Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

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3/10/2024

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 22 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 23 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 24 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 25 - Fixed Issues

All Reference Material on help.sap.com for CR for VS

This is a list of fixed issues in Service Pack 30 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 8+ issues addressed in Service Pack 30 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2019.

New in this Release

1. Security updates
2. Addressed customer Incidents
3. Firefox ESR 78
4. Open JDK 15 (for XML and Webservice driver)

Where to Download Service Pack 30

Service Pack 30 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

All Reference Material on help.sap.com for CR for VS

List of Fixed Issues:

CSS / Work Bench ID	Synopsis
Internal Incident: 2070451682	Truncation of right and left characters in CR for VS SP 29 exporting to PDF
Internal Incident: 2070451835	Exporting to PDF renames the font
Incident 761110	64 bit PrintController does no exist - Error in 64 bit application clicking on Printer button in WEB Viewer
Incident 771724	Crystal Reports 2020 has a new Excel Workbook format option - CR for Visual Studio does not have an ENUM for the new for Excel Workbook format
Incident 722601	Generation of Reports on Application Parameter values not being set in code
Incident 789396	ReportDocument.ExportToHttpResponse leaves behind a temp file in
Incident 27076	PNG Image too big if printed with CRVS SP29

Known issues:

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 14 - fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 15 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 16 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 17 - Fixed Issues

3/10/2024

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 18 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 19 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 20 - Fixed Issues](#)

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[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 24 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 25 - Fixed Issues](#)

SAP [Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 26 - Fixed Issues](#)

SP27 Only 1 public fixed issue - [2889303](#) - Crystal Reports for Visual Studio SP 26 - Next Page causes Optional Parameter to prompt for value

SAP [Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 28 - Fixed Issues](#)

SP 29 Only 1 fixed issue - 2947850 - Exporting HTML wrapped in text causes Crystal Reports Designer 2016+ and .NET CR for VS SP 27 CR Viewer to crash when exporting to txt format

This is a list of fixed issues in Service Pack 30 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 8+ issues addressed in Service Pack 30 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2019.

New in this Release

1. Security updates
2. Addressed customer Incidents
3. Firefox ESR 78
4. Open JDK 15 (for XML and Webservice driver)

Where to Download Service Pack 30

Service Pack 30 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document [SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads](#). The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

[All Reference Material on help.sap.com for CR for VS](#)

List of Fixed Issues:

CSS / Work Bench ID	Synopsis
Internal Incident: 2070451682	`Truncation of right and left characters in CR for VS SP 29 exporting to PDF`
Internal Incident: 2070451835	Exporting to PDF renames the font
Incident 761110	64 bit PrintController does no exist - Error in 64 bit application clicking on Printer button in WEB Viewer
Incident 771724	Crystal Reports 2020 has a new Excel Workbook format option - CR for Visual Studio does not have an ENUM for the new for Excel Workbook format
Incident 722601	Generation of Reports on Application Parameter values not being set in code
Incident 789396	ReportDocument.ExportToHttpResponse leaves behind a temp file in
Incident 27076	PNG Image too big if printed with CRVS SP29

Known issues:

Related Content

Related Documents

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms](#)

[Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues](#)

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[Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues](#)

[Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues](#)

3/10/2024

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 25 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 26 - Fixed Issues

SP27 Only 1 public fixed issue - 2889303 - Crystal Reports for Visual Studio SP 26 - Next Page causes Optional Parameter to prompt for value

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 28 - Fixed Issues

SP 29 Only 1 fixed issue - 2947850 - Exporting HTML wrapped in text causes Crystal Reports Designer 2016+ and .NET CR for VS SP 27 CR Viewer to crash when exporting to txt format

All Reference Material on help.sap.com for CR for VS

This is a list of fixed issues in Service Pack 31 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents issues addressed in Service Pack 31 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2019.

New in this Release

1. Security updates
2. Addressed customer Incidents
3. New Data source: HANA Cloud 1.0
4. Platform support: Win 10 20H2
5. Platform support: Firefox ESR 91

Where to Download Service Pack 31

Service Pack 31 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

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List of Fixed Issues:

CSS / Work Bench ID	Synopsis
Incident 360014	`CrystalReportViewer1.ReuseParameterValue = false; does not prompt users for ne`
Incident 357377	Crystal Reports 2016/2020 and Oracle BLOB fields no longer display the image
Incident 87413	Using values 3.8 or 7.6 in a parameter causes the WEB viewer to refresh the UFL function in Crystal
Incident 805058	90 degree text rotation does not print using POC or P2P in Cr for VS SP 29
Incident 216306	Size and position of a text object can not be get/set using CR for VS

Known issues:

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

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[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 24 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 25 - Fixed Issues](#)

SAP [Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 26 - Fixed Issues](#)

SP27 Only 1 public fixed issue - [2889303](#) - Crystal Reports for Visual Studio SP 26 - Next Page causes Optional Parameter to prompt for value

SAP 28 [Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 28 - Fixed Issues](#)

SP 29 Only 1 fixed issue - 2947850 - Exporting HTML wrapped in text causes Crystal Reports Designer 2016+ and .NET CR for VS SP 27 CR Viewer to crash when exporting to txt format

SP30 [Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 30 - Fixed Issues](#)

This is a list of fixed issues in Service Pack 31 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents issues addressed in Service Pack 31 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2019.

New in this Release

1. Security updates
2. Addressed customer Incidents
3. New Data source: HANA Cloud 1.0
4. Platform support: Win 10 20H2
5. Platform support: Firefox ESR 91

Where to Download Service Pack 31

Service Pack 31 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document [SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads](#). The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

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Incident 87413	Using values 3.8 or 7.6 in a parameter causes the WEB viewer to refresh the UFL function in Crystal
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Incident 216306	Size and position of a text object can not be get/set using CR for VS

Known issues:

Related Content

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[Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues](#)

3/10/2024

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 26 - Fixed Issues

SP27 Only 1 public fixed issue - 2889303 - Crystal Reports for Visual Studio SP 26 - Next Page causes Optional Parameter to prompt for value

SAP 28 Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 28 - Fixed Issues

SP 29 Only 1 fixed issue - 2947850 - Exporting HTML wrapped in text causes Crystal Reports Designer 2016+ and .NET CR for VS SP 27 CR Viewer to crash when exporting to txt format

SP30 Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 30 - Fixed Issues

All Reference Material on help.sap.com for CR for VS

This is a list of fixed issues in Service Pack 32 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents issues addressed in Service Pack 32 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2019.

New in this Release

1. Microsoft **Visual Studio 2022 (64bit)**

2. Security updates

3. Addressed customer Incidents

4. New Data source: HANA 2.0 SP06

5. Platform support: Win 10 21H2

6. Platform support: Win 11 21H2 - **Check KBA** [3204578](#) **for a Windows 11 specific OLE image issue and workaround.**

7. Platform support: Chrome Browser version 101

Where to Download Service Pack 32

Service Pack 31 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document [SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads](#). The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

[All Reference Material on help.sap.com for CR for VS](#)

List of Fixed Issues:

CSS / Work Bench ID	Synopsis
Incident 204738	`CLR C++ App parameter UI in Crystal Reports for VS SP 31 not working`
Incident 52561	Crystal Reports for Visual Studio - OLE Object(Picture) issue on Windows 11
Incident 733638	Exporting to CSV includes HTML tags in Crystal Reports for Visual Studio SP 30 and SP 31
Incident 714429	Need Crystal Reports Runtime for .NET Framework built with Xerces default char16_t
Incident 899011	Crystal Reports for Visual Studio 32 bit Merge Modules reference a 64 bit component

Known issues:

Related Content

Related Documents

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms](#)

[Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues](#)

[Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues](#)

[Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues](#)

[Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues](#)

[SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues](#)

[SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 14 - fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 15 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 16 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 17 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 18 - Fixed Issues](#)

3/10/2024

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 19 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 20 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 21 - Fixed Issues](#)

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[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 25 - Fixed Issues](#)

SAP [Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 26 - Fixed Issues](#)

SP27 Only 1 public fixed issue - [2889303](#) - Crystal Reports for Visual Studio SP 26 - Next Page causes Optional Parameter to prompt for value

SAP 28 [Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 28 - Fixed Issues](#)

SP 29 Only 1 fixed issue - 2947850 - Exporting HTML wrapped in text causes Crystal Reports Designer 2016+ and .NET CR for VS SP 27 CR Viewer to crash when exporting to txt format

SP30 [Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 30 - Fixed Issues](#)

SP31 Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 30 - [Fixed Issues](#)

This is a list of fixed issues in Service Pack 32 for Crystal Reports for Visual Studio (CRVS).

Overview

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[Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues](#)

3/10/2024

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 14 - fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 15 - Fixed Issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 25 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 26 - Fixed Issues

SP27 Only 1 public fixed issue - 2889303 - Crystal Reports for Visual Studio SP 26 - Next Page causes Optional Parameter to prompt for value

SAP 28 Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 28 - Fixed Issues

SP 29 Only 1 fixed issue - 2947850 - Exporting HTML wrapped in text causes Crystal Reports Designer 2016+ and .NET CR for VS SP 27 CR Viewer to crash when exporting to txt format

SP30 Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 30 - Fixed Issues

SP31 Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 30 - Fixed Issues

All Reference Material on help.sap.com for CR for VS

3/10/2024

This is a list of fixed issues in Service Pack 33 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents issues addressed in Service Pack 32 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2019.

New in this Release

1. Addressed customer Incidents
2. JDBC connectivity supported
3. Platform support: Win 11 22H2
4. Platform support: Open JDK 17 (17.0.2+)
5. Platform support: Oracle JDK 17
6. Platform support: Chrome Browser version 108
7. Platform support: Firefox Browser ESR 102
8. Security updates

Where to Download Service Pack 33

Service Pack 33 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads.

Or from the Marketing page here: http://www.crystalreports.com/crystal-reports-visual-studio/

The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

All Reference Material on help.sap.com for CR for VS

List of Fixed Issues:

CSS / Work Bench ID	Synopsis
Incident 578126	Crystal Report for Visual Studio 2022 .NET Objects connection failing using AD
Incident 420775	Suppress Blank Section is not work on ASP.NET Excel data only download
Incident 403077	Error When Viewing Crystal Report .Net Website
Incident 405738	VS 2022 64 bit Embedded Report Designer Copy/Paste size issue

Known issues:

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 14 - fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 15 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 16 - Fixed Issues

3/10/2024

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 17 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 18 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 19 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 20 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 21 - Fixed Issues](#)

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SAP [Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 26 - Fixed Issues](#)

SP27 Only 1 public fixed issue - 2889303 - Crystal Reports for Visual Studio SP 26 - Next Page causes Optional Parameter to prompt for value

SAP 28 [Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 28 - Fixed Issues](#)

SP 29 Only 1 fixed issue - 2947850 - Exporting HTML wrapped in text causes Crystal Reports Designer 2016+ and .NET CR for VS SP 27 CR Viewer to crash when exporting to txt format

SP30 [Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 30 - Fixed Issues](#)

SP31 Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 31 - [Fixed Issues](#)

SP32 Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 31 - [Fixed Issues](#)

This is a list of fixed issues in Service Pack 33 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents issues addressed in Service Pack 32 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2019.

New in this Release

1. Addressed customer Incidents

2. JDBC connectivity supported

3. Platform support: Win 11 22H2

4. Platform support: Open JDK 17 (17.0.2+)

5. Platform support: Oracle JDK 17

6. Platform support: Chrome Browser version 108

7. Platform support: Firefox Browser ESR 102

8. Security updates

Where to Download Service Pack 33

Service Pack 33 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document [SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads](#).

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The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

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List of Fixed Issues:

CSS / Work Bench ID	Synopsis
Incident 578126	Crystal Report for Visual Studio 2022 .NET Objects connection failing using AI
Incident 420775	Suppress Blank Section is not work on ASP.NET Excel data only download
Incident 403077	Error When Viewing Crystal Report .Net Website
Incident 405738	VS 2022 64 bit Embedded Report Designer Copy/Paste size issue

Known issues:

Related Content

Related Documents

This is custom documentation. For more information, please visit the [SAP Help Portal](#)   47

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 14 - fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 15 - Fixed Issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 17 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 18 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 19 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 20 - Fixed Issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 24 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 25 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 26 - Fixed Issues

SP27 Only 1 public fixed issue - 2889303 - Crystal Reports for Visual Studio SP 26 - Next Page causes Optional Parameter to prompt for value

SAP 28 Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 28 - Fixed Issues

SP 29 Only 1 fixed issue - 2947850 - Exporting HTML wrapped in text causes Crystal Reports Designer 2016+ and .NET CR for VS SP 27 CR Viewer to crash when exporting to txt format

SP30 Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 30 - Fixed Issues

SP31 Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 31 - Fixed Issues

SP32 Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 31 - Fixed Issues

All Reference Material on help.sap.com for CR for VS

Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 34 - Fixed Issues

Purpose

This is a list of fixed issues in Service Pack 34 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents issues addressed in Service Pack 34 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2019.

New in this Release

1. Addressed customer Incidents
2. Security updates

Where to Download Service Pack 34

Service Pack 34 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document [SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads](#).

Or from the Marketing page here: https://www.sap.com/cmp/td/sap-crystal-reports-visual-studio-trial.html

The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

[All Reference Material on help.sap.com for CR for VS](#)

List of Fixed Issues:

SAP Note	Synopsis
[3286739](#)	VS2022 will crash while loading solution with CR ASP .Net web application proj
[3290989](#)	Exporting a large Crystal Report to CSV using the .NET sdk does not export all data
[3323423](#)	CrystalDecisions.ReportAppServer.Controllers.PrintReportOptions.NumberOfCopies doesn't work on EPSON CW-C6050A
[3310509](#)	Not all Crystal Reports binaries have digital signature
[3286730](#)	Crystal Reports for Visual Studio - Security issue in SSL dependencies

Known issues:

Related Content

Related Documents

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms](#)

[Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues](#)

[Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues](#)

[Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues](#)

[Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues](#)

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[SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues](#)

[SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 14 - fixed Issues](#)

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SAP [Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 26 - Fixed Issues](#)

3/10/2024

SP27 Only 1 public fixed issue - 2889303 - Crystal Reports for Visual Studio SP 26 - Next Page causes Optional Parameter to prompt for value

SAP 28 Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 28 - Fixed Issues

SP 29 Only 1 fixed issue - 2947850 - Exporting HTML wrapped in text causes Crystal Reports Designer 2016+ and .NET CR for VS SP 27 CR Viewer to crash when exporting to txt format

SP30 Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 30 - Fixed Issues

SP31 Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 31 - Fixed Issues

SP32 Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 32 - Fixed Issues

Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 35 - Fixed Issues

Purpose

This is a list of fixed issues in Service Pack 35 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents issues addressed in Service Pack 35 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2019.

New in this Release

1. Addressed customer Incidents

2. MS Edge Browser version 118

3. Chrome Browser version 118

4. Firefox Browser ESR 115.x

5. Safari Browser 17

6. Security updates

Where to Download Service Pack 35

Service Pack 35 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads.

Or from the Marketing page here: https://www.sap.com/cmp/td/sap-crystal-reports-visual-studio-trial.html

The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

All Reference Material on help.sap.com for CR for VS

List of Fixed Issues:

SAP Note	Synopsis	KBA n
3366088	Picture logo cannot be displayed after upgrading to Cystal Report for Visual Studio SP34 when using formula	
3358984	CR for VS .NET SDK Runtime Viewer export formats were not tranlated to Tranditional Chinese	
3378846	Error "Load report failed" when loading 1638 Crystal reports using .NET SDK	
3333218	HTML export of Crystal Reports with logo using .NET SDK results in a cropped and blurred logo	

Known issues:

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 23 - Fixed Issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 25 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 26 - Fixed Issues

SP27 Only 1 public fixed issue - 2889303 - Crystal Reports for Visual Studio SP 26 - Next Page causes Optional Parameter to prompt for value

SAP 28 Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 28 - Fixed Issues

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SP30 Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 30 - Fixed Issues

SP31 Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 31 - Fixed Issues

SP32 Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 32 - Fixed Issues

Deploying Crystal Reports for Visual Studio Runtime

Purpose

This wiki details a number of approaches to ensure that the correct Crystal Reports components and assemblies are installed on client computers. Deploying Crystal Reports for Visual Studio 2010 (CRVS2010) runtime files is mandatory in order to ensure that a project containing Crystal Reports components functions correctly.

Overview

There are three distinct deployment scenarios for deploying Crystal Reports for Visual Studio 2010. The deployment options include the use of merge module (MSM) files, MSI file and ClickOnce. Only MSI and ClickOnce deployments are available in both 32 bit and 64 bit modes. The MSM files are 32 bit only and do not include Microsoft Visual C++ 2005 dependencies.

Licensing

Licensing must be the first consideration in any runtime deployment; will this be a Windows application? Intranet application? Extranet application? Each of these has its own licensing intricacies. For more details see the SAP Crystal Reports Licensing Information page and / or consult your account manager or SAP Sales.
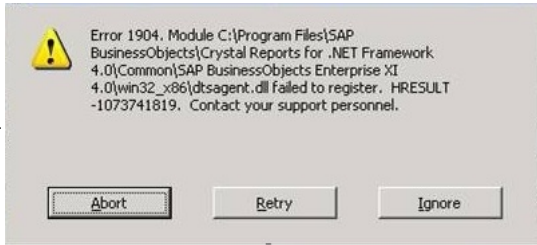
Available runtime files

Crystal Reports for Visual Studio 2010 runtime conssists of the 32 bit MSM file, CRRuntime_13_0_2.msi (note the "2" in the MSM and MSI file names denotes Service pack 2), 32 bit MSI file (CRRuntime_32bit_13_0_2.msi) and a 64 bit MSI file (CRRuntime_64bit_13_0_2.msi). All of the runtime files can be downloaded from the Crystal Reports for Visual Studio 2010 Reference Page. Note that there is no 64 bit MSM file. Also, note that using the Crystal Reports 2008 runtime with Crystal Reports for Visual Studio 2010 is not supported. This deployment was only a stop gap solution for the Beta version of CRVS2010.

Differences between MSM, MSI and ClickOnce deployments

Crystal Reports for Visual Studio 2010 merge module (MSM file) is a single package that includes all CRVS2010 files, resources, registry entries, and basic setup logic. The MSM is smaller – about 42 MB as opposed to the 32 bit MSI (72 MB) and the 64 bit MSI at 80 MB. The Crystal Reports MSM file is configurable and thus allows for the removal of database DLLs not needed by the application. However, the MSM file is missing the Microsoft Visual C++ 2005 Service Pack 1 Redistributable Package ATL Security dependencies. It is the responsibility of the developer to ensure that the Microsoft dependencies are installed before attempting to install the CRVS2010 runtime. Missing Micosoft Visual C++ 2005 dependencies will typically lead to errors. An example error would be the following:

Product: Error 1904. Module "C:\Program Files (x86)\SAP BusinessObjects\Crystal Reports for .NET Framework 4.0\Common\SAP BusinessObjects Enterprise XI 4.0\win32_x86\ExportModeller.dll" failed to register. HRESULT - 1073741819. Contact your support Personnel.

Error 1904. Module C:\Program Files\SAP BusinessObjects\Crystal Reports for .NET Framework 4.0\Common\SAP BusinessObjects Enterprise XI 4.0\win32_x86\dtsagent.dll failed to register. HRESULT -1073741819. Contact your support personnel.

Abort   Retry   Ignore

Note that the above error will be repeated for a number of different files.

See KB 1544708 for more details. Additionally using the merge modules effectively binds the CRVS2010 runtime to the application. Thus in the event that the application needs a CRVS2010 update, the application setup project will need to be re-packaged, uninstalled and reinstalled on the client system in order to update the client with the new runtime. A note that bears repeating; there is no 64 bit MSM file.

The Crystal Reports for Visual Studio 2010 MSI files are self-installing Windows Installer packages. Using MSI files does not require creation of a setup project. A simple double click of the CRVS2010 MSI file will ensure the installation and configuration of the Crystal Reports runtime. Such use of MSI files is recommended for Intranet applications that do not require intricate installer User Interface, system modifications and so on. Updating the CRVS2010 runtime is as simple as using the Add/Remove Programs to remove the existing CRVS2010 runtime and installing the new CRVS2010 MSI. The new Crystal Reports runtime is installed without completely removing the application. When an MSI file is used in a deployment project, it essentially segregates the CRVS2010 runtime from the application.

Extranet applications installed by the end user may require better user interface than that supplied by the default MSI and in this case chaining the MSI file into a setup project will be a required, leading to additional scripting. The default CRVS2010 MSI packages include all the required CRVS2010 files, "Microsoft Visual C++ 2005 Service Pack 1 Redistributable Package ATL Security" dependencies, registry information and more. Note that as in an MSM based setup project in the event that the application needs a CRVS2010 update, the application setup project will need to be re-packaged, uninstalled and reinstalled on the client system in order to update the client with the new runtime.

ClickOnce deployment used for Windows applications only, uses an MSI file (32 or 64 bit) hosted either by SAP, or the application developer. Ensuring that the correct files are automatically installed on 64 bit Operating Systems will require product XML modifications. See KB number 1553968 . Using ClickOnce deployment greatly simplifies the process of installing and updating an application's runtime. Other advantages of ClickOnce deployements:

1. Possibility of an auto-update.

2. Each application is self-contained and cannot interfere with other applications

3. Only those portions of the application that have changed are downloaded and more...

Some of the disadvantages of ClickOnce deployements:

1. ClickOnce can only install applications on a per-user basis

2. It is not possible to use ClickOnce if admin privileges are required (which they are in the case of Crystal Reports)

3. Download and installation times of the CRVS2010 70 +MG file may not be acceptable and more...

For more detailed discussion of MSM and MSI files see the MSDN library; Installer Package Files and Merge Modules. The MSDN article written by Michael Sanford; Choosing Between ClickOnce and Windows Installer is also a recommended reading.

Conclusion

This wiki briefly introduces the topic of deploying the Crystal Reports for Visual Studio 2010 runtime. The following wikis detail the how-to of the three deployment options:

- Using Crystal Reports for Visual Studio 2010 Merge Modules (MSM) to create a Setup project Using Crystal Reports for Visual Studio 2010 MSI files to create a Setup project

 Coming soon:

- Using Crystal Reports for Visual Studio 2010 MSI file to create a Setup project
- Using Crystal Reports for Visual Studio 2010 CliCkOnce to deploy CR Runtime

Related Content

Related Documents

Crystal Reports for Visual Studio 2010 – Deployment

SAP Crystal Reports, Version for Visual Studio .NET landing page

What's up with those pesky MSM and MSI files?

Deployment of Crystal Reports 2008 runtime for VS .NET

Problems installing Crystal Reports 2008 Print Control(ActiveX)

Crystal Reports v. 9.1 to CRVS2010 Runtime Distribution & Supported Operating Systems

Which Crystal Reports assembly versions are supported in which versions of Visual Studio .NET

Related Notes

1544708 - What are the runtime dependencies for CRVS2010?

1534393 - "Error 1904. Module C:\Program Files\SAP BusinessObjects\..\dtsagent.dll failed to register ..." when installing Crystal Reports for Visual Studio 2010 MSI runtime

1553968 - How to prevent the 64 bit msi installing on AMD64 processors when using Click-Once deployment

Getting started and moving ahead with Crystal Reports .NET applications

Purpose

Working through the forums and support incidents I have observed that most of the issues could be resolved just by properly troubleshooting them (the application or the environment), using the vast documentation available on our community network.

The idea behind this article is to provide guidelines and the related documentation for Development, Deployment and troubleshooting various issues with a Crystal Reports .NET application.

I have tried to include as many articles, KBs as possible written by our experts.

Getting started:

First of all, based on the Visual Studio version you are using, choose the respective compatible version of Crystal Reports.

For checking the compatibility and the supported operating systems by each CR version see this.

Crystal Reports v. 9.1 to CRVS2010 Runtime Distribution & Supported Operating Systems

So, let's start from beginning...

Prepare your development machine-

- Install Visual Studio
- Install Crystal Reports version compatible with above version of Visual Studio.
  See : KBA 1514084 - Compatibility of Crystal Reports with Visual Studio

After installation is done, quickly do below tests.

- Check your GAC for 'CrystalDecisions.*' assemblies, just to make sure that the SDK is installed.

NOTE: Crystal Reports 2011 and Crystal Reports 2013 does not have / install any .NET assemblies (does not have an SDK).

See this blog. : How do you spell confusion; CR for VS, Crystal 2011, BI 4.x and the .NET SDKs

- Open Visual Studio, start a new project / app, check toolbox, move your mouse over Crystal reports Viewer, check the tooltip for Version. Compare it with the version of Crystal Reports you have just installed, they should be the same.

The same could be checked at the code behind of the CR viewer once it is dropped / added to a form.

Now you have prepared your Development machine for Crystal Reports .Net applications.

Let's start developing the application.

The developer resources are here:

Crystal Reports 2008   : http://scn.sap.com/docs/DOC-27446

'SAP Crystal Reports developer version for Microsoft Visual Studio' which works with VS 2010, VS 2012 (SP5 onwards) and VS 2013 (SP9 onwards) : http://scn.sap.com/docs/DOC-7824

Evrything else is here : http://scn.sap.com/docs/DOC-27465

Now that we are well equipped with the SDK resources and a well prepared DEV environment, we are ready to develop our application.

To make any of the Crystal Report work through the application it is MENDETORY that the report should work fine from the Crystal Reports designer. If it does not work in the designer it WILL NOT work from the application / runtime.

Application Development:

Crystal Reports .Net SDK could be used mainly to View, Export, Print a Crystal report.

Crystal Reports .Net SDK applications can be found here.

http://www.sdn.sap.com/irj/boc/go/portal/prtroot/docs/library/uuid/d0bf8496-2a81-2b10-95ac-b1f48d5b63f5

InProc RAS .Net SDK can be used for Report creation and manipulation. Samples can be found below.

http://wiki.sdn.sap.com/wiki/display/BOBJ/Crystal+Reports+for+.NET+SDK+Samples

http://www.sdn.sap.com/irj/boc/go/portal/prtroot/docs/library/uuid/70834815-d166-2b10-a2a2-e7c8c9d3c668

Issues could be broadly categorized as 'How to' issues, Environment configuration issues, Coding errors, or runtime exceptions etc.

Most of the 'How to' issues could be resolved by carefully studying the sample applications and the developer resources SDK Developer guide and the API reference guide.

Here are some very common issues / errors which occur while developing a Crystal Reports .Net application and few quick steps to overcome them.

- Error "Load report failed":

Check the path of the report provided in the application and if the report exists at that location.

Check if the application has permissions / rights to access the report.

For detailed steps see this: http://scn.sap.com/docs/DOC-21995

- Error "Bobj is undefined" :

See this: How do I troubleshoot 'Bobj is undefined'

- Error "The request could not be submitted for background processing"

See this: Troubleshooting 'Background processing error'

- It is always recommended to set the Target platform of the application in Visual Studio while developing the application to either X86 or X64 instead of keeping it ANYCPU, which resolves many possible issues during deployment.

- If you are intending to use ADO.NET datasets with Crystal Reports, here is what you should read.

KB 1511438 – How to use Datasets to pass data to Crystal report.

And the articles "Troubleshooting VS.Net Datasets and Crystal Reports" and Crystal Reports for Visual Studio .NET - Walkthrough - Reporting Off ADO.NET Datasets

- In most cases we recommend the use of the troubleshooting tools to further diagnose these issues.

So here is some information regarding the troubleshooting tools :

"Utility tools for better troubleshooting"

- For any other issues try below search which will return all the related articles, forum threads and knowledge base articles on SCN.
  http://search.sap.com/ui/scn#query=&startindex=1&filter=scm_a_site%28scm_v_Site11%29

Which is also available at the top right corner of every SCN page.

Application Deployment

Once you get the application working on the Development machine, it's time to deploy the application.

The best information is provided in the Developer guide of the Crystal .NET SDK 'Deployment' section. Find the link to Developer guide above.

And the article "Crystal Reports and Visual Studio .NET- Application Deployment"

- Crystal Reports runtimes along with other Crystal components can be downloaded at Crystal Reports Download.

 One other aspect to decide upon is Crystal Reports licensing.

Once the approach is decided and the application is deployed, few common issues which could possibly occur are as follows:

- Error : "Retrieving the COM class factory for component with CLSID"

This is very common error message and is discussed many time through forums and KBs, see this search :

http://search.sap.com/ui/scn#query=COM+CLSID%2C+.net&startindex=1&filter=scm_a_site%28scm_v_Site11%29

- Remember there are no 64 bit runtimes available for Every version of Crystal Reports.

See this: KB 1483811 - Where are the 64 bit runtime files for Crystal Reports 2008 .NET SDK?

This is custom documentation. For more information, please visit the SAP Help Portal 54

And this article : [Crystal Reports Support of 64-bit Operating Systems](#)

For those versions of Crystal Reports which do not have 64 bit runtimes, see below article

[How to deploy a Crystal Reports .Net Web application on a 64 bit operating system?](#)

- **Error: "The maximum report processing jobs limit configured by your system administrator has been reached."**

See this: [Crystal Reports Maximum Report Processing Jobs Limit](#) http://scn.sap.com/docs/DOC-21533

And the blog: [What exactly is 'maximum report processing job limit' for Crystal Reports?](#)

- **Database connectivity issues:**

Most of the Database connectivity issues could be resolved by carefully configuring the server / or client machine for the application. Here are few things to do.

- Check if the database is accessible from this machine (a .udl file may help)

- Check if the same database client / driver / provided which is used on the development machine is installed here. (check database properties of the report 'Set Database location' option in the designer)

- If the user logging into the application / machine has rights to access the DB / DB server.

- And the basic thing, check the logon credentials supplied by the application.

For more see this: ["Troubleshooting Guide to Database Connectivity Issues with Crystal Reports in Visual Studio .NET Applications"](#)

Here is the utility which generates the Database logon code for a Crystal Report.

[1553921 - Is there a utility that would help in writing database logon code?](#)

- **Crystal Reports .NET application performance issues:**

Issues like, report takes longer on the server / client as compared to development machine.

Report takes longer on the first load and then works fine.

Report takes longer time to export / print could be resolved and performance could be optimized by adapting the guidelines provided in this article:

[Improving Crystal Reports Performance in Visual Studio .NET Applications](#)

One more thing which plays a major role in the report performance is the performance of the Database.

Use SQL profiler or database tracing (or something similar for your DB) to observe if it is the DB which is causing the report to work slowly. Ultimately Crystal Reports is a Data representation tool.

- **Crystal report printing issues:**

Error: "Communication error has occurred, printing will be stopped".

This also a very generic issue and could be caused by many factors, see below search for the related forum threads and KB articles.

http://search.sap.com/ui/scn#query=Communication+error+has+occurred%252C+printing+will+be&startindex=1&filter=scm_a_site(scm_v_Site11)

- **Here are some very good articles which speak about Crystal report printing from an application.**

[Printing Web based reports with Crystal Reports for Visual Studio .NET](#)

[Crystal Reports for Visual Studio .NET - Export and Print a Crystal Report](#)

[RAS Server Side Printing](#)

- **For any other specific / adhoc issues/ error search our community forums and knowledge base articles here:**

http://search.sap.com/ui/scn#query=Crystal+.NET&startindex=1&filter=scm_a_site%28scm_v_Site11%29

- **If none of the above helps, post your query at our development forum**

[SAP Crystal Reports, version for Visual Studio space on SCN](#)

- If the issue is important or could not be resolved on forums, finally you may log a support incident with us from [SAP Service Marketplace](#) or [purchase a single support incident](#).
- Also checkout this blog which outlines the scope of support. [How can SAP Crystal Reports & BOE SDK developer support help you?](#)

Related Content

Related Documents

["My troubleshooting tips for VS .NET applications using Crystal Reports"](#) **by Ludek**

[Crystal Reports for Visual Studio 2010 Updates & Runtime Downloads](#)

[Crystal Reports 2008 - Version and Download information for SPs and FPs](#)

[Crystal Reports 2008 (and 9.1, XI R1, XI R2) - Version and Download information for Service Packs](#)

[All the sample applications](#)

[Troubleshooting error: "Unsupported Operation. A document processed by the JRC engine cannot be opened in the C++ stack".](#)

[So, what's up with CR 2011 and .NET SDK - actually, any SDK?](#)

[What do I need to do to get the fastest issue resolution?](#)

[Comparison of features by version for SAP® Crystal Reports® and SAP Crystal Server](#)

How to deploy a UFL created in Visual Studio .NET

Purpose

This document explains how to correctly deploy a User Function Library (UFL) created in Visual Studio .NET.

Overview

By properly adding the UFL to the Global Assembly Cache directory and registering the UFL it will be accessible to your Crystal Reports.

Understanding requirements for accessing Visual Studio .NET UFLs

There are two main requirements for the UFL to be accessed by SAP Business Intelligence Platform and Crystal Reports components. The first is that the UFL is to be added to the Global Assembly Cache which means it will need to be a strong-named assembly. The second requirement is that the UFL has to be registered as a COM client to allow com clients like Crystal Reports to access the UFL as a COM object.

Adding the UFL to the Global Assembly Cache

To add the UFL to the Global Assembly Cache you will need to use the GACUTIL function with the --i parameter switch.

On a computer with Visual Studio .NET this can be done automatically though your project's build options or by the following steps:

1. Open the Visual Studio .NET command prompt through the start menu.
2. Navigate to the directory of your UFL using the CD command.
3. Enter the follow command:

```
Gacutil –i <name of your UFL dll>
```

Copy this code!

On a computer without Visual Studio .NET you will need to locate the location of your GACUTIL function first:

1. Do a Windows search for gacutil.exe (typically in a subdirectory of c:\Windows\Microsoft.NET\Framework).
2. Go to the Windows command prompt.
3. Navigate to the directory of your UFL using the CD command.
4. Enter the follow command:

```
\Gacutil –i <name of your UFL dll>
```

Copy this code!

Registering the UFL as a COM class

As not all of the Crystal Reports components are .NET applications they need to access the UFL through COM interop.

On a computer with Visual Studio .NET this can be done automatically though your project's build options or by the following steps:

1. Open the Visual Studio .NET command prompt through the start menu

2. Navigate to the directory of your UFL using the CD command

3. Enter the follow command:

```
Regasm <name of your UFL dll>
```

Copy this code!

On a computer without Visual Studio .NET you will need to locate the location of your GACUTIL function first:

1. Do a Windows search for gacutil.exe (typically in a subdirectory of c:\Windows\Microsoft.NET\Framework).

2. Go to the Windows command prompt.

3. Navigate to the directory of your UFL using the CD command.

4. Enter the follow command:

```
\regasm <name of your UFL dll>
```

Copy this code!

 Note: if your assembly has dependencies in its own directory add the /codebase parameter to your command line before the dll name.

Related Content

Related Documents

SAP Crystal Reports .NET API Guide

SAP Crystal Reports .NET SDK Developer Guide

SAP BLOG Creating Crystal reports User Function Libraries (UFL) with Visual Studio .NET

Microsoft MSDN Article on REGASM

Related Notes

SAP Knowledge Base Article 1266912 : How to deploy Crystal Reports UFL created in Visual Studio .NET

SAP Knowledge Base Article 724729: Crystal Reports UFL created in Visual Studio .NET is not working after deploying.

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

Purpose

This is a list of fixed issues in Service Pack 10 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 10 issues that have been addressed in Service Pack 10 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 as well as Visual Studio 2012 and Visual Studio 2010.

Where to Download Service Pack 10

Service Pack 10 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links

SAP Crystal Reports .NET API Guide

SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

List of Fixed Issues

ADAPT Number	Synopsis	KBA number
ADAPT01702959	Characters are chopped off at the leading edge of a formula object	2036605
ADAPT01713000	Leading edge of Morovia 3D barcode font is is corrupted when using PrintOutputController	2036544
ADAPT01717324	Printing from the Crystal Reports WPF viewer to XPS does not retain orientation	2036613
ADAPT01722358	Fonts changing when using zoom in the Crystal Reports viewer for Visual Studio .NET	2036545
ADAPT01727259	Crystal Reports 2008 performance issues when using Btrieve database	2036608

ADAPT01711740	Chart background set to Textures or Pattern are blank in 64 bit web application	1947807
ADAPT01726275	Crystal Reports for Visual Studio SP 9 broke Crosstab WEB viewing	2015092
ADAPT01726686	Using PrintOutputController to print "Justified" text style has over lapping and miss spaced text when printed to Printer	2017293
ADAPT01727457	Modifying a Picture object in .NET ignores Object.Height and Object.Width when setting Condition Formula Can Grow is enabled	2021348
ADAPT01722047	Subreport based on two conditions does not display	

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 14 - Fixed Issues

SAP Crystal Reports .NET API Guide

SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

Purpose

This is a list of fixed issues in Service Pack 10 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 10 issues that have been addressed in Service Pack 11 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 as well as Visual Studio 2012 and Visual Studio 2010.

Where to Download Service Pack 12

Service Pack 10 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links

SAP Crystal Reports .NET API Guide

SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

List of Fixed Issues - Note: SAP is no longer using Adapt - SAP Note will have link to Work Bench ID

2051790 1916075

CSS / ADAPT ID	Synopsis	KBA number	SAP Note ID
Incident 647999	Currency symbol showing in Windows Viewer when using ToText() formula and use Currency symbol is unchecked in Options	2039952	
ADAPT01730564	Rejected - By Design		

Incident 620163 ADAPT01729073	symboliclink "aspnet_client" - is not created in VS2013 for CrystalReportsViewer or Crystal Report Project		2067681
Incident 816988	Vertical Scroll bar of the CR web viewer does not scroll when using IE 11		2058605
Incident 694533	Azalea fonts and UFL missing from 32 bit runtime redist package	2063969	
Incident 656542	Enhancement Request: PrintControl dll requires PaperName to be displayed on Work station		2061177
Incident 553462 ADAPT01730537	Using the .ADD or .MODIFY field method and Rounding ENUM is ignored - RAS .NET and Java SDK		2045449
Incident 498464 ADAPT01728520	Formula name with reserved characters ('@','?','{',' }') is no longer allowed in CR Designer and RAS SDK		2045024
ADAPT01728796	RCD.PrintOptions does not return PaperSize(crPaperSizeUser) for User Defined paper size		N/A
Incident 914570	Open Sans Condensed not getting applied in 64 bit Windows Form viewer (and 32 bit)	2071410	2081812
Incident 397868	Random error - cxlibw-5-0.dll is missing from computer	2081048	

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 14 - Fixed Issues

SAP Crystal Reports .NET API Guide

SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

Purpose

This is a list of fixed issues in Service Pack 13 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 10 issues that have been addressed in Service Pack 13 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 as well as Visual Studio 2012 and Visual Studio 2010.

It also lists some Enhancement Request (ER) to expose more parts of Crystal Reports.

Where to Download Service Pack 13

Service Pack 10 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links

SAP Crystal Reports .NET API Guide

SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

List of Fixed Issues - Note: SAP is no longer using Adapt - SAP Note will have link to Work Bench ID

CSS / ADAPT ID	Synopsis	KBA number	SAP Note ID
Incident 1102536	A Memory leak has been reported in SP 12 when exporting to PDF. This issue has been fixed	2111038	
Incident 1128432	Use Indexes for Speed not working in SDK	2103707	2067681
Incident 1127147	.NET Method to retrieve the Crystal Report last Revision, Crystal Report Version and Last Saved Date collections	2123706	2115721
Incident 1041348	Tooltip shows hyperlink in .NET Winform viewer	2126531	2102875
Incident 872810	While viewing a Crystal report in web form viewer, text field does not get formatted according to the applied CSS class.	2070958	
Incident 1012580	Space Between HTML Attribute and Value Causes Attribute To Be Ignored	2082219	2087620
Incident 1142434	ExportToStream throws exception	2105311	

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 14 - Fixed Issues

SAP Crystal Reports .NET API Guide

SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

Purpose

This is a list of fixed issues in Service Pack 14 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 5 issues and 3 Enhancement Requests that have been addressed in Service Pack 14 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2013 as well as Visual Studio 2015 RC build.

New in this Release

1. Added support for Visual Studio 2015 RC.

2. Added an easy way to use Print Output Control in WinForm Viewer.

3. Addressed several Incidents.

4. Support for FireFox ESR 38.

Where to Download Service Pack 14

Service Pack 14 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links

SAP Crystal Reports .NET API Guide

SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

List of Fixed Issues - Note: SAP is no longer using Adapt - SAP Note will have link to Work Bench ID

2051790 1916075

CSS / ADAPT ID	Synopsis	KBA number	SAP Note ID
Incident 236713	Enhancement Request - Add PrintOuputController to .NET Print Button Viewer - Now selectable with default PrintToPrinter	2147030	
Incident 16964	Enhancement Request - Dynamic Parameter BrowseField value now returns the table.field used (CR for VS only)	2114469	
Incident 290185	WPF .NET Windows Application using CrystalReportsViewer1.ViewerCore.PrintReport() does not print the report - fixed	2154929	
Incident 205148	Printing to Windows Fax creates bad TIF - Windows 7 only - Escalated to Microsoft for a possible fix	1551644	
Incident 120084	Printer Tray selection not respected - fixed	2130718	
Incident 135320	Team foundation re-imports report Folder - By Design	2130136	
Incident 1019731	Fonts printed as graphics on Server 2012 and Win8 - open issue with Microsoft Meanwhile please visit Windows 7 support forums (http://answers.microsoft.com/en-us/windows/forum/windows_7) for potential workaround suggestions.	2070958	

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

SAP Crystal Reports .NET API Guide

SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

Purpose

This is a list of fixed issues in Service Pack 15 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 5 issues and 3 Enhancement Requests that have been addressed in Service Pack 15 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2013 as well as Visual Studio 2015.

New in this Release

1. Added support for Visual Studio 2015 RC.
2. Added an easy way to use Print Output Control in WinForm Viewer.
3. Addressed several Incidents.
4. Support for FireFox ESR 38.

Where to Download Service Pack 15

Service Pack 14 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links

SAP Crystal Reports .NET API Guide

SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

List of Fixed Issues - Note: SAP is no longer using Adapt - SAP Note will have link to Work Bench ID

2051790 1916075

CSS / ADAPT ID	Synopsis	KBA number	SAP Note ID
Incident 663010	PrintOutputController printmode from viewer does not print/export the tab view	2209712	
Incident 577155	Error in Conditional Formula no longer generates a valid .NET SDK error message	2194352	
Incident 508399	VS 2015 Community not detected	2181302	
Incident 205148	Get Saved XLSX Export options gen Exception	2181164	
Incident N/A	Printer Tray in the new POC feature did not use what was saved in the report		

Known issues:

Issue has been found - Located in the \crystalreportsviewer13 folder under the framework there is a crviewer.aspx file. Delete ALL copies of it. It is not required and can cause bobj not defined and possibly an AllInOne error in WEB applications.

Installing onto Windows 10 x86 format indicates there is no VS installed - as a temporary workaround create the 64 bit regsitry key the installer is looking for:

HKLM\SOFTWARE\Wow6432Node\Microsoft\DevDiv\vs\Servicing\14.0\professional

Create key named "Install" REG_DWORD and value as 1

For Web applications and Framework 4.x updates with 4.6 installed the CR Viewer folder will get a \4_6_xxx added to the path.

To work around this copy the \CrystalReportViewer13 folder to your project and add the following to your web.config file:

We discovered as soon as you update your version of 4.6 framework it's going to rename the folder being used.

Work around now is to do this...

add the CrystalReportViewer13 folder to your project, copy it into you app folder. then update your web.config file with the following:

```
<configSections>

  <sectionGroup name="businessObjects">

    <sectionGroup name="crystalReports">

      <section name="crystalReportViewer" type="System.Configuration.NameValueSectionHandler"/>

      <section name="rptBuildProvider" type="CrystalDecisions.Shared.RptBuildProviderHandler, CrystalDecisions.Shared, Version=13.0.2000.0, Culture=neutral,
PublicKeyToken=692fbea5521e1304, Custom=null"/>
```

```
        </sectionGroup>


      </sectionGroup>


    </configSections>


  <businessObjects>


    <crystalReports>


      <crystalReportViewer>


        <add key="ResourceUri" value="/crystalreportviewers13"/>


      </crystalReportViewer>


    </crystalReports>


  </businessObjects>


  <appSettings>


...
```

This will redirect all requests to that viewers folder.

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 14 - fixed Issues

SAP Crystal Reports .NET API Guide

SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

Purpose

This is a list of fixed issues in Service Pack 16 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 5 issues and 3 Enhancement Requests that have been addressed in Service Pack 15 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2013 as well as Visual Studio 2015.

New in this Release

1. Support for Edge browser on Win 10.
2. Support for Safari 9 on Mac OS 10.11.
3. Addressed several Incidents.
4. Support for HANA SP11.

Where to Download Service Pack 16

Service Pack 16 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

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SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

List of Fixed Issues - Note: SAP is no longer using Adapt - SAP Note will have link to Work Bench ID

2051790 1916075

CSS / ADAPT ID	Synopsis	KBA number	SAP Note ID
Multiple 693977	MSKBA3078601 causing CR Viewer to generate an error	2218879	
Incident 908116	Error from crpe32.dll on ExportToDisk	1392294	
Incident 878969	Framework 4.6 causes CR for VS to create a unique folder path to the Crystalreportsviewer13 folder in IIS and IISExpress	2250097	
Incident 831623	Enhancement Request: Crystal viewers OLE Object Copy does not work - use CTRL C to copy	2248678	
Incident 643491	Missing CR Viewer button Icons in VS 2015 when editing a report within Visual Studio	2202102	
Incident 615884	Enhancement Request - print and export viewer control tab	2196829	
Incident 744334	"Visual Studio not installed" message when executing the CRVS setup.exe on a 32 (x86) bit Operating System	2226364	
Incident 922835	Pervasive Database can use a 24 byte encryption key for the btrieve driver - password value length has been extended and in Crystal Reports Designer	2260218	
Incident 769154	.NET Runtime DisplayString Expression Parsing error	2239737	

Known issues:

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues](#)

[SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues](#)

[SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 14 - fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 15 - Fixed Issues](#)

[SAP Crystal Reports .NET API Guide](#)

[SAP Crystal Reports .NET SDK Developer Guide](#)

[Report Application Server .NET SDK Developer Guide](#)

[Report Application Server .NET API Guide](#)

Purpose

This is a list of fixed issues in Service Pack 17 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 10 issues and 3 Enhancement Requests that have been addressed in Service Pack 17 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2015.

New in this Release

1. Support for Firefox ESR 45.

2. Support for Office 2016.

3. Addressed 10 customer Incidents.

4. Support for HANA SP12.

Where to Download Service Pack 17

Service Pack 17 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document [SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads](#). The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

[SAP Crystal Reports .NET API Guide](#)

[SAP Crystal Reports .NET SDK Developer Guide](#)

[Report Application Server .NET SDK Developer Guide](#)

[Report Application Server .NET API Guide](#)

List of Fixed Issues - Note: SAP is no longer using Adapt - SAP Note will have link to Work Bench ID

CSS / ADAPT ID	Synopsis	KBA number	SAP Note ID
Incident 256317	ER - Add a property in Windows.Forms.CrystalReportViewer to control the display quality of OLE object images	[2332112](#)	[2321691](#)
Incident 175343	Paging through report with linked OLE is missing images -	[1921124](#)	
Incident 11758	Reporting off of Outlook/exchange error - Fixed in CR Designer, no fix required for CR for VS	[2250097](#)	[2264258](#)
Incident 133474	Print from WPF viewer will not print landscape	[2284617](#)	
Incident 266084	DateTime field is rounding up now in CR .NET	[2310683](#)	
Incident 174498	'DefaultAnimation.gif' cannot be found exception will be thrown when instantiating instance inherits from CrystalDecisions.Windows.Forms.CrystalReportViewer		[2292955](#)
Incident 229222	Formula text is too long, which will lead the stack overflow when CR Designer attempts to compile the formula		[2307169](#)
Incident 124684	Exporting to CSV in .NET app wrong, different than CR Designer	[2283350](#)	
Incident 238245	ER - OpenReportByDefault should use the "Same as Report" database option for PC datasources	[2298839](#)	

Incident 111297	After upgrading to Cortez SP 16 from SP 15 Object on top of object next to it in WEB app.	2280594	
Incident 132645			
	Right justified text on left side in WEB viewer - VS 2015		
Incident 78545	Hyperlink does not show underline under the whole link - not an issue in CR for VS		2278168
Incident 20738	ER - Setting screen size higher than 1080 does not render the page centered when using Whole Page - Zoom Level 2 in .NET SDK	2265405	

Known issues:

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 14 - fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 15 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 16 - Fixed Issues

SAP Crystal Reports .NET API Guide

SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

This is a list of fixed issues in Service Pack 18 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 10 issues and 3 Enhancement Requests that have been addressed in Service Pack 18 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2015.

New in this Release

1. Support for Visual Studio 2015 Update3
2. Support for SQL Server 2014
3. Support for SAP Sybase SQL Anywhere 17
4. Addressed several customer Incidents.

Where to Download Service Pack 18

Service Pack 17 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

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SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

List of Fixed Issues - Note: SAP is no longer using Adapt - SAP Note will have link to Work Bench ID

CSS / ADAPT ID	Synopsis	KBA number	SAP Note ID
Incident 248416	CR for VS .net CopyFrom does not use PaperSource	2356381	
Incident 245230	CSV Export from WPF viewer not using delimiter or separator	2351487	
Incident 171041	Report renders blank page in RAS SDK viewer when page length is set to 99999	2348254	
Incident 152017	Accessing JPG from SQL server fails for ODBC - OLE DB works	2322297	
Incident 175343	Paging through report with linked OLE is missing images	1921124	
Incident 94205	After opening a Saved Data report in a WEB or Windows app through the Windows or WEB form viewers and clicking on the refresh button, the saved data values in the parameter prompt UI are cleared.	2126392	

Known issues:

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

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Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

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SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 14 - fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 15 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 16 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 17 - Fixed Issues

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SAP Crystal Reports .NET SDK Developer Guide

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Report Application Server .NET API Guide

This is a list of fixed issues in Service Pack 18 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 10 issues and 3 Enhancement Requests that have been addressed in Service Pack 18 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2015.

New in this Release

1. Support for Visual Studio 2015 Update3

2. Support for SQL Server 2014

3. Support for SAP Sybase SQL Anywhere 17

4. Addressed several customer Incidents.

Where to Download Service Pack 18

Service Pack 17 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

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List of Fixed Issues - Note: SAP is no longer using Adapt - SAP Note will have link to Work Bench ID

CSS / ADAPT ID	Synopsis	KBA number	SAP Note ID
Incident 248416	CR for VS .net CopyFrom does not use PaperSource	2356381	
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Incident 94205	After opening a Saved Data report in a WEB or Windows app through the Windows or WEB form viewers and clicking on the refresh button, the saved data values in the parameter prompt UI are cleared.	2126392	

Known issues:

Related Content

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SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

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SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 14 - fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 15 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 16 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 17 - Fixed Issues

SAP Crystal Reports .NET API Guide

SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

This is a list of fixed issues in Service Pack 19 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 10 issues and 3 Enhancement Requests that have been addressed in Service Pack 18 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2015.

New in this Release

1. Windows Server 2016
2. IIS 10 on Windows Server 2016
3. Addressed over 14 customer Incidents.

Where to Download Service Pack 19

Service Pack 19 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

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SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

List of Fixed Issues - Note: SAP is no longer using Adapt - SAP Note will have link to Work Bench ID

CSS / ADAPT ID	Synopsis	KBA number	SAP Note ID
Incident 444963	Error when canceling a print job using PrintOutputController() to the local file system: Unable to start the print job.	2402814	
Incident 429020	Charts now have pixilated edges when using CR for VS Windows form viewer SP 18	2401474	
Internal Incident: 1680300310	Enhancement Request: PrintOutputController does not allow Current Page in Winform Viewer	2196829	
Incident 424724	Inline RAS printing does not respect Suppress Printing If No Records option selected	2322297	
Incident 326877	Set Location to a secure MDB up one folder fails using ..\Access.mdb fails for subreports	2397203	
Incident 398757	Crosstab report with rotated text does not show values	2392793	
Incident 259751	Error Printing barcodes from WPF-Viewer	2356271	
internal incident 1670508776	Add the Xbase native DB driver back into distribution packages (32 bit only)	2379612	
Incident 337356	Print from WPF viewer will not print landscape on Windows 2012 R2	2284617	
Incident 332092	Linking Dataset Tables together does not work based on date/time fields	2392359	
Incident 263819 Incident 340486	Character in rtf string overlaps with punctuation mark.	2356271	2388916
Incident 203850	Enhancement Request - Getting field values for each section	2331572	
Incident 652988	CHM search with 3 5 framework hangs in search on second attempt	1933324	

Known issues:

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

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Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

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SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 14 - fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 15 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 16 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 17 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 18 - Fixed Issues

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SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

This is a list of fixed issues in Service Pack 19 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 10 issues and 3 Enhancement Requests that have been addressed in Service Pack 18 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2015.

New in this Release

1. Windows Server 2016

2. IIS 10 on Windows Server 2016

3. Addressed over 14 customer Incidents.

Where to Download Service Pack 19

Service Pack 19 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

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List of Fixed Issues - Note: SAP is no longer using Adapt - SAP Note will have link to Work Bench ID

CSS / ADAPT ID	Synopsis	KBA number	SAP Note ID
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Internal Incident: 1680300310	Enhancement Request: PrintOutputController does not allow Current Page in Winform Viewer	2196829	
Incident 424724	Inline RAS printing does not respect Suppress Printing If No Records option selected	2322297	
Incident 326877	Set Location to a secure MDB up one folder fails using ..\Access.mdb fails for subreports	2397203	
Incident 398757	Crosstab report with rotated text does not show values	2392793	
Incident 259751	Error Printing barcodes from WPF-Viewer	2356271	
internal incident 1670508776	Add the Xbase native DB driver back into distribution packages (32 bit only)	2379612	
Incident 337356	Print from WPF viewer will not print landscape on Windows 2012 R2	2284617	

CSS / ADAPT ID	Synopsis	KBA number	SAP Note ID
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Incident 263819 Incident 340486	Character in rtf string overlaps with punctuation mark.	2356271	2388916
Incident 203850	Enhancement Request - Getting field values for each section	2331572	
Incident 652988	CHM search with 3 5 framework hangs in search on second attempt	1933324	

Known issues:

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 14 - fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 15 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 16 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 17 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 18 - Fixed Issues

SAP Crystal Reports .NET API Guide

SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

This is a list of fixed issues in Service Pack 20 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 5+ issues and 1 Enhancement Request that have been addressed in Service Pack 20 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2015.

New in this Release

1. HANA 2.0 SPS01
2. Addressed 5 customer Incidents.

Where to Download Service Pack 20

Service Pack 19 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

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SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

List of Fixed Issues - Note: SAP is no longer using Adapt - SAP Note will have link to Work Bench ID

CSS / ADAPT ID	Synopsis	KBA number	SAP Note ID
Incident 104969	Crystal for visual studio web preview no prompt text	2438479	
Incident 93347	Textfield Formatting problem	2434885	
Incident 176592	PDF output format differ between Crystal designer and Crystal runtime		
Incident 26575	Crystal for visual studio web preview missing box object	2417113	
Internal Incident 1780004852	solve the problem of Incident 429020.		
Incident 396431	Wrong Top Margin	2398411	
Incident 99828	vertical and horizontal lines are not at the same position		

Known issues:

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

SAP Crystal Reports, Developer version for Microsoft Visual Studio - Service Pack 14 - fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 15 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 16 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 17 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 18 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 19 - Fixed Issues

SAP Crystal Reports .NET API Guide

SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

This is a list of fixed issues in Service Pack 20 for Crystal Reports for Visual Studio (CRVS).

Overview

This wiki documents 5+ issues and 1 Enhancement Request that have been addressed in Service Pack 20 for CRVS. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 to 2015.

New in this Release

1. HANA 2.0 SPS01
2. Addressed 5 customer Incidents.

Where to Download Service Pack 20

Service Pack 19 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links:

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SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

List of Fixed Issues - Note: SAP is no longer using Adapt - SAP Note will have link to Work Bench ID

CSS / ADAPT ID	Synopsis	KBA number	SAP Note ID
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Incident 93347	Textfield Formatting problem	2434885	
Incident 176592	PDF output format differ between Crystal designer and Crystal runtime		
Incident 26575	Crystal for visual studio web preview missing box object	2417113	
Internal Incident 1780004852	solve the problem of Incident 429020.		
Incident 396431	Wrong Top Margin	2398411	
Incident 99828	vertical and horizontal lines are not at the same position		

Known issues:

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

Purpose

This is a list of fixed issues in Service Pack 5 for Crystal Reports for Visual Studio 2010 (CRVS2010).

Overview

This wiki documents 26 issues that have been addressed in Service Pack 5 for CRVS2010. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. Please note name change for this product. The name now is "**SAP Crystal Reports, developer version for Microsoft Visual Studio**" and can be used with Visual Studio 2010 as well as Visual Studio 2012

Where to Download Service Pack 5

Service Pack 5 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded from the SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads reference page . Or see the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads (Renamed from "Crystal Reports for Visual Studio 2010 Updates & Runtime Downloads"). Both resources include links to for the "SAP Crystal Reports, developer version for Microsoft Visual Studio" runtime MSM, MSI files and more. For help and more information developing Visual Studio .NET applications with SAP Crystal Reports, see the SAP Crystal Reports, Version for Visual Studio .NET space.

List of Fixed Issues

ADAPT Number	Synopsis	KBA Number
ADAPT01635065	Paper orientation changes from portrait to landscape when report is printed on a Zebra printer	1544072
ADAPT01637643	Zoom level and drilldown defaults to 100% in child window (drill down)	1810269
ADAPT01641259	Crystal Report Embed with SWF does not export to PDF format	1718680
ADAPT01643011	Delete group by index or by name deletes the wrong group if Field and Group Sorts exist	1810212
ADAPT01648035	Error; "Missing Parameter Values" when running a parameterized report using Crystal Reports	1812388
ADAPT01498114	reportObject.RecordSelectionFormula returns no comments within the text	1810170
ADAPT01568336	ShowLogo property doesn't show up in Visual Studio IntelliSense, Crystal Reports .NET SDK	1810228
ADAPT01633560	On form close - WPF viewer not released from memory	1712799
ADAPT01653799	CrystalDecisions.ReportAppServer.ReportDefModel.ConditionFormula displayStringCondition - "Display String" formula returns null	1746303
ADAPT01651898	Error: "The selected printer does not support collation" occurred when NumberOfCopies property is set to 2 or more	1743745
ADAPT01624698	When exporting a report with a subreport to MS Excel format from Crystal Reports, it takes a long time to export	1722953
ADAPT01563693	Strikethrough does not show on multi-byte space character(s) when viewing Crystal Reports through .NET application	1605210
ADAPT01629225	Setting printer to Simplex does not work in PrintOutputController (RAS)	1810294
ADAPT01651895	Web viewer detail section overprints report header and group header	1811395

ADAPT01666308	Creating a report off of Outlook 2010 data does not expand folders	1810303
ADAPT01665022	Report viewer in webproject deployed on IIS8.0 will display as white dots in browser	1810173
ADAPT01649644	"Reverse Sign for Display" is ignored for currency fields	1811893
ADAPT01629826	The indirectly-referenced assembly 'BusinessObjects.Licensing.KeycodeDecoder, Version=13.0.2000.0 ... could not be found	1705076
ADAPT01630278	Printing of mixed mode RTL report from the web viewer results in an incorrect character lay out	1705622
ADAPT01590658	Exporting to PDF format a report that contains on-demand subreport causes Crystal Reports to close	1679017
ADAPT01662029	An application compiled as 64 bit returns incorrect data in the Crystal Report	1811876
ADAPT01460999	Bar Chart sorted in Specified Orders, sorts in Ascending orders in Crystal Reports	1495367
ADAPT01648035	ReportDocument is not able to retrieve Stored Procedure parameter by index from a report	1812388
ADAPT01660310	Text position cannot be kept when preview Crystal Report under HTML Preview mode	1759005
ADAPT01635065	PrintToPrinter and Print button in the CR Windows form Viewer fails to print the correct paper orientation	1814139

Related Content

Related Documents

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 14 - Fixed Issues

SAP Crystal Reports .NET API Guide

SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

Purpose

This is a list of fixed issues in Service Pack 6 for Crystal Reports for Visual Studio 2010 (CRVS2010).

Overview

This wiki documents 20 issues that have been addressed in Service Pack 6 for CRVS2010. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. Please note name change for this product. The name now is "**SAP Crystal Reports, developer version for Microsoft Visual Studio**" and can be used with Visual Studio 2010 as well as Visual Studio 2012

Where to Download Service Pack 6

Service Pack 6 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded from the SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads reference page . Or see the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads (Renamed from "Crystal Reports for Visual Studio 2010 Updates & Runtime Downloads"). Both resources include links to for the "SAP Crystal Reports, developer version for Microsoft Visual Studio" runtime MSM, MSI files and more. For help and more information developing Visual Studio .NET applications with SAP Crystal Reports, see the SAP Crystal Reports, Version for Visual Studio .NET space.

List of Fixed Issues

ADAPT Number	Synopsis	KBA Number
ADAPT01375806	How To manually deploy Service Pack 6 crdb_XML data source driver for Crystal Reports Developer for Visual Studio	1871962
ADAPT01637722	WPF viewer exports whole report on drill down	1719985

ADAPT01653456	In a WPF application , cancelling a windows print dialog disables Crystal report viewers 'Go to previous page' button	1745658
ADAPT01653462	The parameter window of Crystal report pops up again after cancelling once, while viewing the Crystal report through WPF application	1745764
ADAPT01670261	Error: "Class not registered : CrystalPrintControl"	1777460
ADAPT01674847	Width of subreports does not change regardless of the width of the subreport object in the main report	1796632
ADAPT01674854	ExportToDisk ExportFormatType.HTML40 & HTML32 results in HTM file extension	1796652
ADAPT01677544	Error: "An unhandled exception of type 'System.StackOverflowException" using the WPF viewer	1832354
ADAPT01682920	Leading space is trimmed when reporting off an XML file in Crystal Reports	1788082
ADAPT01686887	Clicking the cancel button from Print to PDF dialog box does not allow the application to redirect to a different page through a button click event	1837403
ADAPT01685304	PDF document bookmarks incorrect when exporting a report to PDF format from Crystal Reports	1829880
ADAPT01688909	While printing the Crystal Report to printer or file for windows application using .net SDK, Image appears distorted	1828347
ADAPT01625520	Error: "HTTP Error 401: Cannot determine the queries necessary to get data for this report." when creating a report off a .Net Web Service in Crystal Reports	1722900
ADAPT01674893	Report with hyperlinks exported to HTML40 results in invalid hyperlinks	1873321
ADAPT01681032	Poor report performance in Visual Studio application when connecting to a Btrieve database	1873343
ADAPT01688843	Poor performance when reporting off an Oracle Stored Procedure using the Crystal Reports Native Oracle driver (crdb_oracle.dll)	1873281
ADAPT01681081	How To manually deploy Service Pack 6 crdb_XML data source driver for Crystal Reports Developer for Visual Studio	1871962
ADAPT01684471	Elements in non-printable area are moved to printable area when printed	1874407
	Error using Microsoft SQL 2012: Failed to open the connection. Details: [Database Vendor Code: 17]	1864319
ADAPT01608246	Error when printing from a 64 bit VS .NET application - Unregistered interface: ICRReportPrinterPageRange	1865589

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 14 - Fixed Issues

SAP Crystal Reports .NET API Guide

SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

Purpose

This is a list of fixed issues in Service Pack 7 for Crystal Reports for Visual Studio 2010 (CRVS2010).

Overview

This wiki documents 22 issues that have been addressed in Service Pack 7 for CRVS2010. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 as well as Visual Studio 2012. Service Pack 7 does not support Visual

Studio 2013.

What about Microsoft Visual Studio 2013

Service Pack 7 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" does not support Visual Studio 2013. Service Pack 8, ETA first quarter 2014, is planned to support VS 2013 as well as WIN 8.1.

Where to Download Service Pack 7

Service Pack 7 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links

SAP Crystal Reports .NET API Guide

SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

List of Fixed Issues

ADAPT Number	Synopsis	KBA Number
ADAPT01687316	Conditional Text Interpretation formatting ignored when a field is inserted in a Text Object in Crystal Reports	1878735
ADAPT01686034	Incorrect Group Outlines when exporting from Crystal Reports to MS Excel Data-only format	1831798
ADAPT01695598	Using Crystal Reports APIs for Visual Studio .NET results in incorrect results when Rounding on Sum or creating Running Total	1874392
ADAPT01695184	Crystal Report format is changed when printing to physical printer	1875940
ADAPT01696311	Space displayed before a period	1836383
ADAPT01696817	Text not printing when using ActiveX mode in a Visual Studio Web application	1857682
ADAPT01698780	Access Violation when using the PrintOutputController	1918143
ADAPT01694408	When a Crystal report is viewed from a Crystal Reports Web form viewer, the vertical text field appears horizontal	1887260
ADAPT01645563	Incorrect data returned in Crystal Reports when using the "IN" operator on a date range	1767180
ADAPT01701461	Text displaying on multiple lines in Crystal Reports are truncated when exporting to RTF format	1903106
ADAPT01692189	Need equivalent CopyTo/CopyFrom in RAS	1920452
ADAPT01697659	Crystal report designed with colored boxes when viewed from a .net web application the colors are not shown using Crystal Reports Developer for Visual Studio	1920966
ADAPT01681029	reporting off Btrieve should match performance of CR Designer	-
ADAPT01702640	Images disappear in Crystal Reports Win viewer when paging back and forth	1922683
ADAPT01704159	Error: System.InvalidOparatorException when searching through a report in the WPF viewer	1907124
ADAPT01700357	CR .NET SDK - Slow to load and run report with large number of Parameters	-
ADAPT01503682	The RAS .NET SDK should have the ability to add/modify/delete Running Totals in a Crystal Report.	-
ADAPT01678907	SDK Enhancement: A new Subreport API has been introduced to get/set the location of a linked subreport	1870775
ADAPT01691849	Performance issue when there are images in a report	-
ADAPT01603058	Error when exporting to 64 bit Microsoft Mail (MAPI) from Visual Studio 2010 application	1689734
ADAPT01665016	Report viewer in webproject deployed on IE10 will display as white dots in browser	1810173

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

3/10/2024

[Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues](#)

[SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 14 - Fixed Issues](#)

[SAP Crystal Reports .NET API Guide](#)

[SAP Crystal Reports .NET SDK Developer Guide](#)

[Report Application Server .NET SDK Developer Guide](#)

[Report Application Server .NET API Guide](#)

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

Purpose

This is a list of fixed issues in Service Pack 8 for Crystal Reports for Visual Studio 2010 (CRVS2010).

Overview

This wiki documents 11 issues that have been addressed in Service Pack 8 for CRVS2010. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 as well as Visual Studio 2012. **NOTE**: The release of Service Pack 8 was moved from up to Dec 16 2013 from end of Q12014 in order to release important fixes. This negated including Visual Studio 2013 support. Currently, support for Visual Studio 2013 is schduled for Service Pack 9, due end of Q1 2014.

What about Microsoft Visual Studio 2013

Service Pack 8 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" does not support Visual Studio 2013. Service Pack 9, ETA end of first quarter 2014, is [planned](#) to support VS 2013.

Where to Download Service Pack 8

Service Pack 8 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document [SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads](#). The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links

[SAP Crystal Reports .NET API Guide](#)

[SAP Crystal Reports .NET SDK Developer Guide](#)

[Report Application Server .NET SDK Developer Guide](#)

[Report Application Server .NET API Guide](#)

List of Fixed Issues

ADAPT Number	Synopsis	KBA Number
ADAPT01587507	Report Title and Comments fields are truncated at 120 characters - .NET error "Buffer too small for string or missing	[1720637](#)
ADAPT01702640	Images disappear in Crystal Reports Win viewer when paging back and forth	[1922683](#)
ADAPT01709226	Crystal Reports Designer and CR .NET Windows.Form viewer will crash if an embedded image is in report	[1957618](#)
ADAPT01708517	WPF viewer is removed from form when using tabs	[1911841](#)
ADAPT01706053	When report is exported using Crystal Reports .NET SDK .Export() method, a row is getting shifted to right	[1906882](#)
ADAPT01713271	Subreport Table alias name is updated with an underscore in it's name when updating subreport logon info using .NET RAS SDK	1955638
ADAPT01701648	.NET SDK application is slow to load and run reports with large number of parameters	[1952356](#)
ADAPT01709788	Expose resultField.UseCount in FormulaFields collections in .NET SDK	[1957609](#)
Enhancement	How to retrieve and use Custom Papers sizes by custom paper size Name	[1958435](#)
ADAPT01703431	Large TIFF (1.4 meg) causes Crystal Reports Designer and Crystal Reports .NET Windows form Viewer to close	[1958941](#)

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 9 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 14 - Fixed Issues

SAP Crystal Reports .NET API Guide

SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

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Use this structure to help you compose your contributions for WIKI and at the same time will ensure spelling and grammar.

Purpose

This is a list of fixed issues in Service Pack 9 for Crystal Reports Developer for Visual Studio

Overview

This wiki documents (to be determined) issues that have been addressed in Service Pack 9. The issues are documented in individual KBases. For details, see the table under the List of Fixed Issues heading. "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be used with Visual Studio 2010 as well as Visual Studio 2012.

NOTE:

New In This Release

1. 12 Customer Escalations closed. (to be verified)
2. 17 issues resolved
3. Added support for following platforms:

    1. **Visual Studio 2013**
    2. .NET 4.5.1
    3. Data Sources: SQL Server 2014 (tested CTP2), Oracle 12c, HANA SP7
    4. Web Browser: Safari 7

Where to Download Service Pack 9

Service Pack 9 for "SAP Crystal Reports, developer version for Microsoft Visual Studio" can be downloaded using the links documented in the Document SAP Crystal Reports, developer version for Microsoft Visual Studio Updates & Runtime Downloads. The Document includes links for the runtime MSM, MSI files and more. Developer Help files can be downloaded from the following links

SAP Crystal Reports .NET API Guide

SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

List of Fixed Issues

ADAPT Number	Synopsis	KBA Number
ADAPT01692434	Dynamic parameter screen is not populating in 64 bit application using Crystal reports SDK for VS .NET	1876642
ADAPT01589026	Crystal Reports for Visual Studio 2010 does not look for ForceLargerFonts registry key	1643979
ADAPT01682919	Blank lines when the SeparatePages property of the Web viewer is set to False	1840359
ADAPT01705270	WPF viewer is removed from form when using tabs	1911841
ADAPT01708183	Error: The Report Application Server failed. Using Nyala font	1922590
ADAPT01708395	Crystal Reports viewer Search function does not find all occurrences of a search string	1928483
ADAPT01704032	Text Object formatting option "Suppress Embedded Field Blank Line" suppressing more than expected in Crystal Reports	1918711
ADAPT01715967	Printing two large reports using the PrintOutPutcontroller, printer spooling of the first report is paused until the second report completes spooling	1966696
ADAPT01714400	Subreport Name in Ondemand Formula text must use " ", if 2 double or single quotes (no space) is used, the subreport name is displayed in tab	TBD
ADAPT01714638	Long Hyper link In on demand subreport crashes .NET application when getting the Parameter or subreport collections	TBD
ADAPT01714347	Chart group drill down does not work on some reports	TBD
ADAPT01714667	Charts - Auto-Arrange works opposite from CR Designer in a windows and WEB .NET application	TBD
ADAPT01717160	CR API do not return correct value of TextObjectFormat property "EnableSuppressEmbedBlankLines"	TBD
ADAPT01719275	64 bit .net Windows Form Viewer does not use Original Sort Order (CRD and x86 app does)	TBD
ADAPT01714829	Product.xml file updated to correct / current EstimatedInstalledBytes	
ADAPT01608246	64 Bit application using PrintOutPutController generates an error: Class not registered - CrystalPrintControl	1672555

List of new Issues

ADAPT Number	Synopsis	KBA Number
ADAPT01702641	Crystal Reports for Visual Studio application Crash in Service Pack 9 - this.crystalReportViewer1.CachedPageNumberPerDoc = 10;	2012565

Related Content

Related Documents

SAP Crystal Reports, developer version for Microsoft Visual Studio - Supported Platforms (SP 9)

Crystal Reports for Visual Studio 2010 - Service Pack 1 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 2 - Fixed Issues

Crystal Reports for Visual Studio 2010 - Service Pack 3 - Fixed issues

Crystal Reports for Visual Studio 2010 - Service Pack 4 - Fixed issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 5 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 6 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 7 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 8 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 10 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 12 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 13 - Fixed Issues

SAP Crystal Reports, developer version for Microsoft Visual Studio - Service Pack 14 - Fixed Issues

SAP Crystal Reports .NET API Guide

SAP Crystal Reports .NET SDK Developer Guide

Report Application Server .NET SDK Developer Guide

Report Application Server .NET API Guide

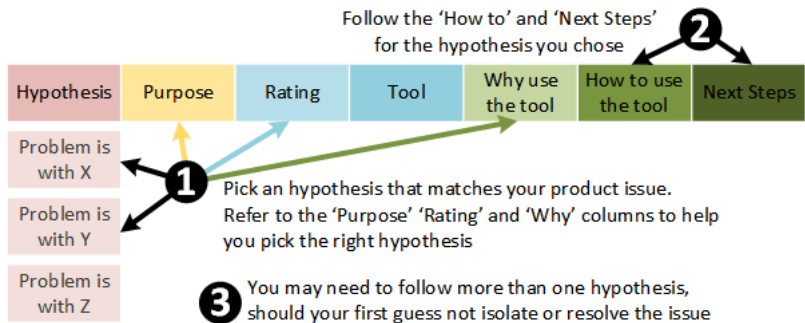**Troubleshooting by Scenario SAP Crystal Reports, Developer Version for Visual Studio .NET**

Scenario Owner is responsible for maintaining these pages

Scenario Owners: Don Williams, Ludek Uher

Feedback

Your feedback is very valuable to us. Please take a few moments to complete a simple survey

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Follow the 'How to' and 'Next Steps' for the hypothesis you chose

Pick an hypothesis that matches your product issue. Refer to the 'Purpose' 'Rating' and 'Why' columns to help you pick the right hypothesis

You may need to follow more than one hypothesis, should your first guess not isolate or resolve the issue

Hypothesis _An idea where the issue is._ _High level symptoms_	Purpose of troubleshooting task _How can the troubleshooting task help_	Rating (1to5) 5 is high _Higher the number the more relevant the tool_	Tool name _the name of the tool(s) to use_	Why tool is suitable _Explains why this tool is helpful for this particular hypothesis._	How to use the tool for this hypothesis _Description (or links to) how the tool can be used to prove/deny the hypothesis_
How to design reports for specific printers and general printing questions	Designing reports for Custom paper sizes		Document	How to use Printers with Crystal reports	Series of Printer documents on designing reports and what and why printing works as it does. http://scn.sap.com/docs/DOC-57978
Test application to see how your reports print using one of our SDK's or with BOE	What happens when you print the report from BOE or with an Application using CR SDK's.		.NET Test application	Can be run separately or using Visual Studio 2010 to debug what printing a report does	2163438 - How do I make Crystal Reports for Visual Studio print my reports? Requires installing CR for VS SP 14 32 bit MSI minimum
Connectivity	Verify communication flow between Crystal Reports and the datasource.	★★★★	CRLogger	Log dispalys all in and out calls including SQL statements, errors, timestamps, etc.	1603398 - How to use crlogger to trace Crystal Reports?
Connectivity. Relational. ODBC Connectivity.	Verify the communication workflow, credentials, db object names, identify hidden errors	★★★	ODBC Trace	Captures communication between Crystal Reports and the datasource in ODBC layer	1197937 - How to use ODBC Trace?
	Test the SQL Query outside of Crystal Reports.	★★★	SQLCON32	Simple application to send SQL Query to Database and retrieve results.	1196491 - How to use SQLCON32 to diagnose ODBC driver
Connectivity. Relational. JDBC	Test the connection outside of Crystal Reports	★★	Custom java application	Verifies if JDBC connection is configured properly	1218714 - How to troubleshoot JDBC (JNDI) connection issues with Crystal Reports 2111901 - A sample java code to test JDBC connection
Connectivity. XML datasource	Validate datasource	★★★	Microsoft XML Notepad	Allows to validate .xml file against .xsd schema file	2148546 - Crystal Reports of XML datasource is crashing on linked subreport preview
Connectivity. WebServices	Test Web Service outside of Crystal Reports	★★★	WSTester	Verifies Web Service connectivity and response	WS tester tool
Connectivity. SAP Datasources	Compare User's profiles if it works at least for one user.	★	SAP Transaction: SUIM	Allows to find missing authorizations	2025488 - Compare User Authorizations / Roles / Profiles with SUIM
	Check the SAP Integration Kit configuration	★★★★	SAP transactions: SE38	Displays what SAP transport versions are currently loaded	1921554 - How to verify the version of the SAP Integration Kit Transports loaded on the SAP Netweaver or SAP BW System?
	Check the required authorizations for the SAP Integration Kit	★★	SAP transactions: SU01, ST01	Verify and Trace Authorization errors	
Performance	Check on what step is the biggest delay	★★★	CRLogger	It shows the timestamp for every step in the workflow, including time for every record/package delivery	1603398 - How to use crlogger to trace Crystal Reports? 1636361 - How do I design my Crystal Reports to improve performance?
Export to PDF	Try alternative way to generate the report in PDF format	★★	Print to PDF driver	Allows to verify if all objects and fonts could be embedded into PDF	Search the Internet for free "Print to PDF" driver
Application crash	Identify the cause or failing driver	★★★	DebugDiag		http://msdn.microsoft.com/en-

	(dll)				us/library/ff420662.aspx
Application is not working properly on single machine	Compare loaded dll files with working machine	★★★	Modules	Allows to find the difference between loaded dll per process.	1343614 - Where can I download the modules.exe diagnostic utility from?
Layout of output file get corrupted	Narrow down root cause	★★★	Microsoft office and Adobe reader	Allows to find the difference between original Crystal Reports document	Export CR document to destination file. 1810847 - How to control font size for report exported to .rtf or MS Word format, from Crystal Reports?

Using Crystal Reports for Visual Studio 2010 Merge Modules (MSM) to create a Setup project
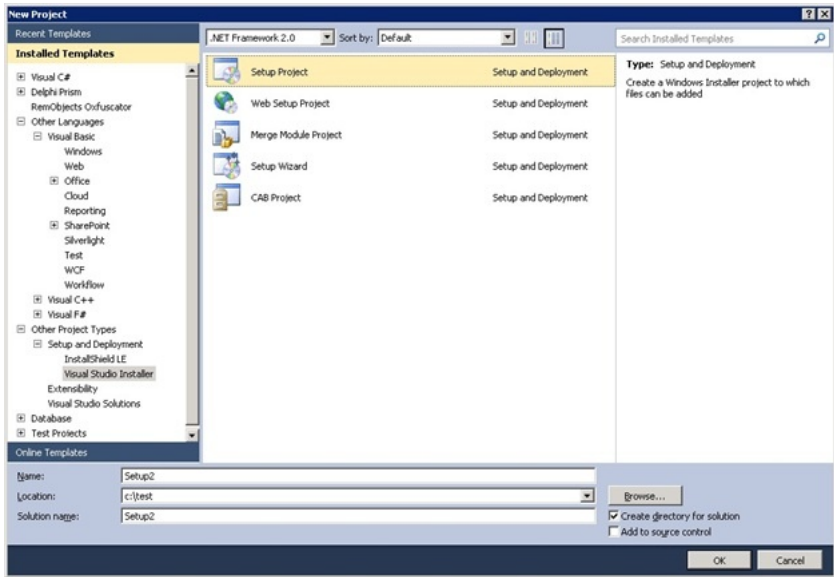
Purpose

This wiki details the steps necessary to ensure successful deployment of Crystal Reports for Visual Studio 2010 runtime. The wiki is strictly limited to deployment of CRVS2010 runtime only and does not describe any additional intricacies of setup projects as these are beyond the scope of Crystal Reports. For detail beyond the scope of this wiki, see Microsoft documentation.
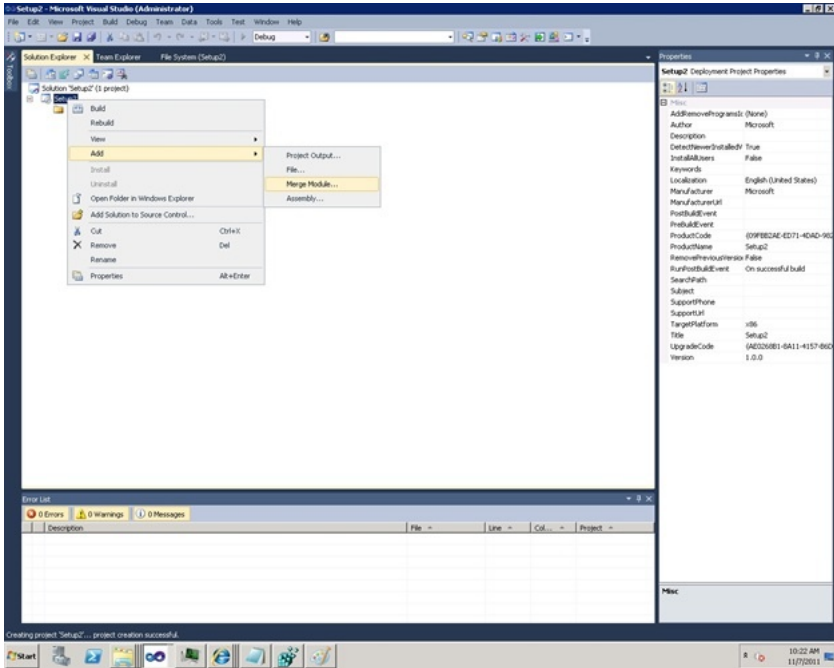
Overview

Using the Crystal Reports for Visual Studio 2010 merge modules (MSM files) requires additional dependencies. These must be added and installed on a client computer before the Crystal Reports runtime. An additional merge modules is required if the reports take advantage of the Crystal Reports mapping feature (MapInfo MapX). If the project requires localized reporting, localization merge modules must also be added to the deployment project.

Building the project

Open Visual Studio 2010 and select New Project. From the Templates pane select "Other Project Types" then "Visual Studio Installer" and finally "Setup Project". Fill out the name of the setup project and select the location where you want the project to be saved to.
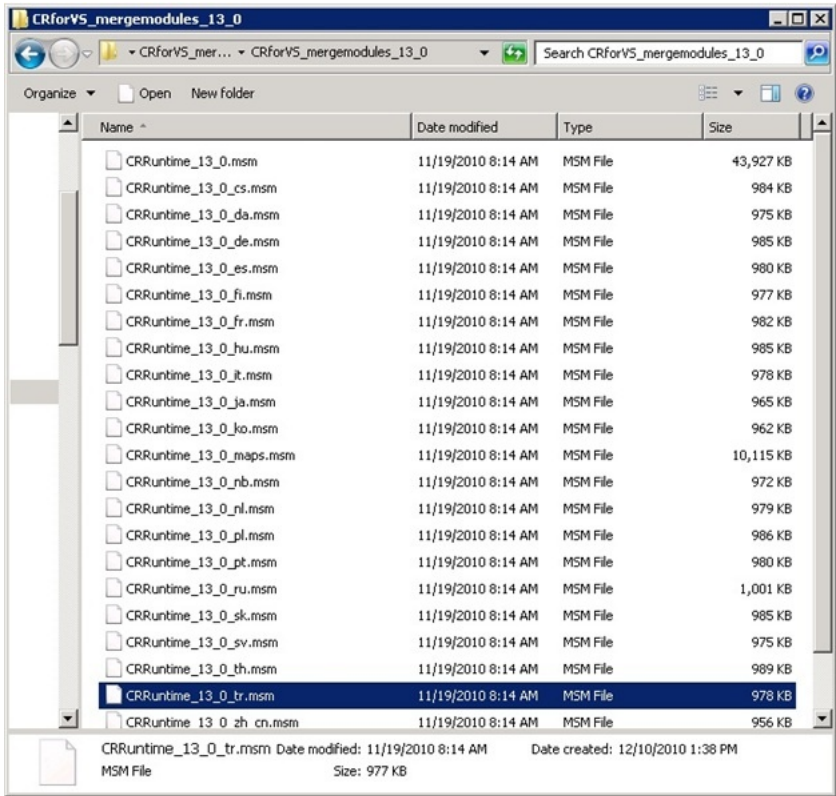

In the "Solution Explorer", right click on your project name. In the popup menu, hover over "Add" and select Merge Module…
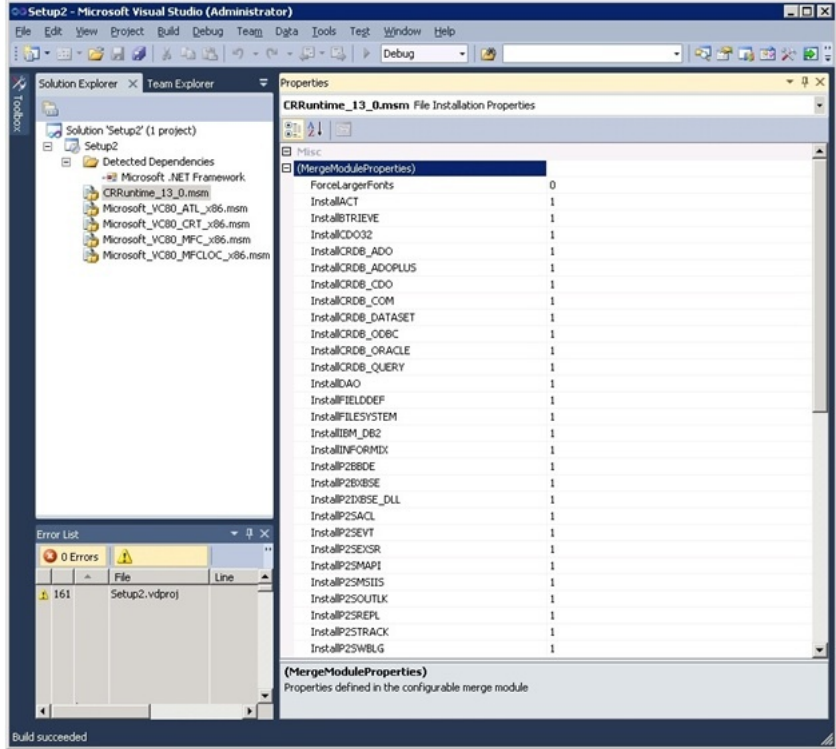
Do not select File. This will not add the msm file as a merge module, thus leading to errors when a report is attempted to be loaded by the deployed application. The following is an example of an expected error:

> An error occurred creating the form. See Exception.InnerException for details. The error is: Could not load file or assembly 'CrystalDecisions.Windows.Forms, Version=13.0.2000.0, Culture=neutral, PublicKeyToken=692fbea5521e1304' or one of its dependencies. The system cannot find the file specified.
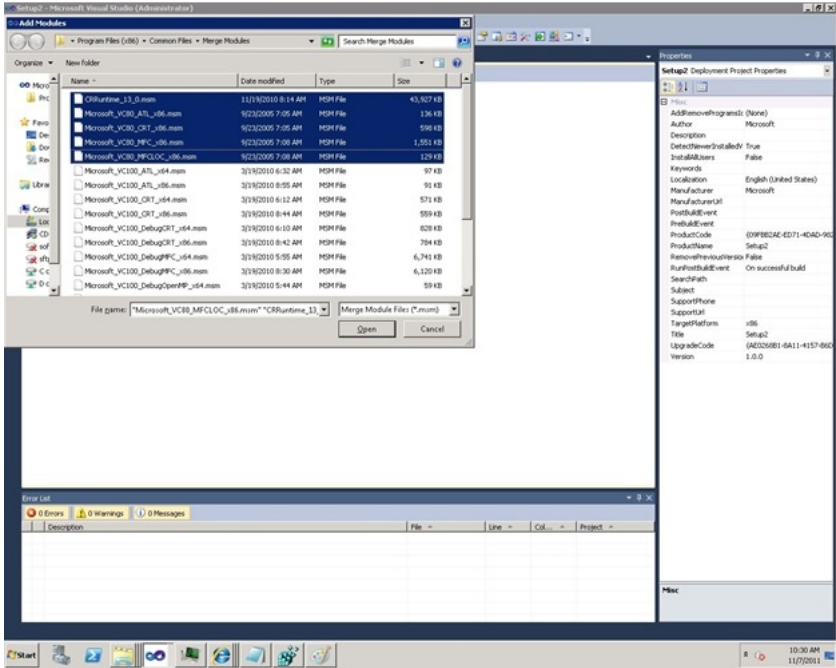
Select CRRuntime_13_x.msm. The x in the msm name denotes the Service Pack of the merge module. If your application is to be localized, add the required localization merge module.

The CRRuntime_13_x.msm is a configurable merge module. The configuration allows the developer to remove unwanted database driver dlls. To see dlls that can be removed from the merge module, click on the msm file name in the Solution Explorer. In the Properties, expand the "ModuleProperties" node. Any and all of the listed dlls can be removed by simply setting their property to 0 (zero). Ensure that database driver dll or dlls required by the report are not excluded(!).

The next step is to ensure that the Microsoft Visual C++ 2005 Service Pack 1 Redistributable Package ATL Security Update is included in the deployment project. This is a Crystal Reports for Visual Studio 2010 dependency. The actual Microsoft Visual C++ 2005 merge modules are; Microsoft_VC80_CRT_x86.msm, Microsoft_VC80_MFC_x86.msm, Microsoft_VC80_ATL_x86.msm and Microsoft_VC80_OpenMP_x86.msm

It is up to the developer of the application to ensure that this dependency is either included in the setup project and installed before the Crystal Reports runtime. Or, that the client computer has been updated with the dependency before running the setup project. Missing dependencies will cause errors regarding failure to register a number of files on install of the setup project. The following is a typical error produced if the C++ dependencies are missing:

Module C:\Program Files\SAP Business Objects\Crystal Reports for .NET Framework 4.0\Common\SAP BusinessObjects Enterprise XI 4.0\win32_x86\crtslv.dll failed to register. HRESULT -214010895. Contact your support personnel.

The final step is compiling the application. The setup executable will be in the Release folder.

Localization Merge Modules

Note that the English runtime msm is called CRRuntime_13_x.msm. However, along with this msm, you will find a number of language msm files. For example CRRuntime_13_x_de.msm. This is a localization support msm file - German in this case. Languages supported include Spanish, Japanese, Korean and more. For more information regarding localization of Crystal Reports see the SAP Crystal Reports .Net SDK Developer Guide, where topics discussed include the following:

- Setting up the custom resources file directory
- Configuring multilingual client support for Windows application
- To configure browser-based localization
- Language Resource Files
- Compiling the resource files
- To configure Page-Based localization for a web page
- To configure environment-based localization for a website

MapInfo MapX Merge Modules

One additional MSM file to be aware of is CRRuntime_13_x_maps.msm. This MSM is required if your reports use the Crystal Reports mapping feature. For more information see the KBase 1529045 - CRVS2010 - How to create and distribute runtime for reports using MapInfo MapX?.

32 Bit vs. 64 bit Applicaton Deployment

It is important to understand that the VS2010 IDE is 32 bit and thus any project running within the VS2010 IDE is 32 bit. When a project is compiled in a 64 bit mode, it cannot be tested in the VS2010 IDE. As there are no 64 bit merge modules for CRVS2010, deployment of 64 bit applications will have to be done via the use of the 64 bit MSI file. For more details and considerations regarding 32 bit and 64 bit deployments, see the article Crystal Reports support of 64 bit Operating Systems.

Deploying Custom User Function Libraries

User Function Library (UFL) is dynamic link library (DLL), created by an application developer. As this is essentially "3rd party" DLL, it is not included in any merge module and thus it is up to the application developer to ensure that this custom dll is deployed and configured correctly on any client computer. Note that there are three types of UFLs, each with its own set of deployment and configuration requirements. The types of UFLs are C+, COM and .NET. C+ UFLs simply need to be installed into a directory where the application will be able to find it. The CRVS2010 bin directory is suggested (C:\Program Files (x86)\SAP BusinessObjects\Crystal Reports for .NET Framework 4.0\Common\SAP BusinessObjects Enterprise XI 4.0\win32_x86).

This is custom documentation. For more information, please visit the SAP Help Portal

COM UFLs can be deployed to any directory, but must be registered using regsvr32.exe. VS .NET UFLs must be added to the Global Assembly Cache. For more information on VS .NET UFLs, see the blog Creating Crystal reports User Function Libraries (UFL) with Visual Studio .NET.

Deploying XML Based Reports Using CRDB_XML.DLL Database Driver

The database driver CRDB_XML.DLL is not included with any version of Crystal Reports that bundles with VS .NET. This includes CR 9.1 (VS 2003), CR 10.2 (VS 2005) and CR 10.5 (VS 2008). CVS2010 also does not include the CRDB_XML.DLL. All stand-alone versions of Crystal Reports include the CRDB_XML.DLL driver. However, the driver requires the installation of the Java framework. No Crystal Reports MSM or MSI file installs or configures the Java framework. For details see KBase 1594651 - CRVS2010 - Error: 'Failed To Load Database Information' when using XML file as datasource on how to obtain the DLL for CRVS2010. See KBase 1394940 - How to deploy Crystal Reports 2008 runtime for .NET when the report is connecting to XML files? on how to deploy the CRDB_XML.DLL.

Last Word

Ensure the report files is added to the deployment project
Reports added to the application as a strongly-typed object do not need to be added to the setup project
Ensure the runtime is supported on the Operating System. For more information see the wiki Crystal Reports for Visual Studio .NET Runtime Distribution - Versions 9.1 to 12.0
Fix Packs, Service Packs or any other updates for CRVS2010 cannot be applied directly to a deployed computer

Related Content

 Crystal Reports and Visual Studio .NET - Application Deployment

Related Documents

What versions of Crystal Reports are supported on Windows Vista in VS .NET?

Deploying Crystal Reports for Visual Studio 2010 runtime

What's up with those pesky MSM and MSI files?

Crystal Reports for Visual Studio 2010 - Deployment Deployment of Crystal Reports 2008 runtime for VS .NET

Crystal Reports support of 64 bit Operating Systems
Creating Crystal reports User Function Libraries (UFL) with Visual Studio .NET

Related Notes

1529045 - CRVS2010 - How to create and distribute runtime for reports using MapInfo MapX?

1529068 - CRVS2010 - Where can I download Crystal Reports 2010 for VS 2010 and the associated runtime?

1531409 - How to deploy the CRVS2010 runtime when using merge modules?

1534352 - Where is the Supported Platforms document for CRVS2010?

1544708 - What are the runtime dependencies for CRVS2010?

1546515 - Error: UFL 'u25azalea.dll' that implements this function is missing

1547124 - CRVS2010 - Red X displayed in report instead of dynamic images

1547065 - CRVS2010 is missing BusinessObjects.Enterprise.* assemblies

1605773 - CRVS2010 web viewer is not displying the Crystal report

1605767 - Print Crystal ActiveX control error; 'Windows has blocked this software because it cannot verify the publisher'

1632776 - Error: 80040154 Class not registered

1594651 - CRVS2010 - Error: 'Failed To Load Database Information' when using XML file as datasource

1394940 - How to deploy Crystal Reports 2008 runtime for .NET when the report is connecting to XML files?

What versions of Crystal Reports are supported on Windows Vista in VS .NET?

There is a lot of confusion as to which versions of Crystal Reports are supported in Microsoft Visual Studio .NET applications on the Vista Operating System. The matrix below describes which versions of Crystal Reports are supported on on which VS .NET development systems. The matrix also describes which versions of Crystal Reports are supported on Vista OS and in what "mode" (development v.s. runtime only). A detailed article describing the matrix is available at this link:

https://boc.sdn.sap.com/files/crystal_reports_support_vista.pdf

Please note that the matrix only goes back to Crystal Reports version 9.1. Personally, I would not even try versions earlier than 9.1. Not to mention that earlier versions of CR are not supported in any version of .NET... However if you have success, please do post your findings in our forums.

CR Product Name	CR Assembly Version	Vista Operating System Support	
		. NET Development	.NET Runtime
CR 9.1 for VS .NET 2002	9.1.3300.0	N	Y
CR 9.1 for VS .NET 2003	9.1.5000.0	N	Y
CR 10.0.0.533	10.0.3300.0	N	Y (Not tested)
CR 10.2 for VS .NET 2005	10.2.3600.0	Y*	Y

This is custom documentation. For more information, please visit the SAP Help Portal

CR 10.5 for VS .NET 2008	10.5.3700.0	Y	Y
CR 11.0.0.x	11.0.3300.0	N	Y (Not tested)
CR 11.5.9.1076 (SP4)	11.5.3300.0 (framework 1.1)	N	Y
CR 11.5.9.1076 (SP4)	11.5.3700 (framework 2.0)	Y (.NET 2005) *	Y
CR 12.1.0.892 (SP1)	12.0.2000.0 (framework 2.0, 3.0, 3.5)	Y (.NET 2005) *	Y
CR 12.1.0.892 (SP1)	12.0.2000.0 (framework 2.0, 3.0, 3.5)	Y (.NET 2008)	Y
CR 12.1.0.892 (SP1)	12.0.1100.0 (framework 1.1)	N	Y
CRVS2010	13.0.2000.0 (framework 2.0, 3.0, 3.5, 4.0)	Y (.NET 2010)	Y

- Microsoft Visual Studio .NET 2005 Service Pack 1 must be installed

Which Crystal Reports assembly versions are supported in which versions of Visual Studio .NET

In this wiki I'd like to clarify the confusion regarding the different versions of Crystal Reports and what version of Visual Studio .NET they work with.

As with most of my other wikis, I use a simple matrix that describes all the possible scenarios. Please note that the matrix only goes back to Crystal Reports version 9.1. Personally, I would not even try versions earlier than 9.1. Not to mention that earlier versions of Crystal Reports are not supported in any version of .NET... However if you have success, please do post your findings in our forums.

CR Product Name	Assembly Version	Install Configuration	VS .NET Supported Version	Distribution / Runtime
CR 9.1 for .NET 2002	9.1.3300.0	C:\Program Files\Common Files\Crystal Decisions\1.0\Bin	2002	Managed.MSM, RegWiz.msm, Database_Access.msm, Database_Access_ENU.msm
CR 9.1 for .NET 2003	9.1.5000.0	C:\Program Files\Common Files\Crystal Decisions\1.0\Bin	2003	Crystal_Database_Access2003.msm Crystal_Database_Access2003_enu.msm Crystal_Manged2003.MSM Crystal_Regwiz2003.msm
CR 9.2.x	9.2.3000.0	C:\Program Files\Common Files\Crystal Decisions\2.0\Bin	2002, 2003	CRNETRuntime.MSM Mapping.MSM ReportEngine.MSM License.MSM
CR 10.0.0.x	10.0.3300.0	C:\Program Files\Common Files\Crystal Decisions\2.5\Bin	2002, 2003	Crystal10.NET.WebServiceReporting.msm, Crystal10.NET.EmbeddedReporting.msm, Crystal10.NET.RemoteReporting.msm
CR 10.2 for .NET 2005	10.2.3600.0	C:\Program Files\Business Objects\Common\2.7\Bin	2005	CRRedist2005_IA64.msi (64 bit Itanium), CRRedist2005_X64.msi (64 bit Intel), CRRedist2005_x86.msi (BootStrapper), CRRedist2005_x86.msm, CRRedist2005_x86.msi
CR 10.5 for .NET 2008	10.5.3700.0	C:\Program Files\Business Objects\Common\2.8\bin	2008	CRRedist2008_ia64.msi (64 bit Itanium), CRRedist2008_x64.msi (64 bit Intel), CRRedist2008_x86.msi (BootStrapper)
CR 11.0.0.x	11.0.3300.0	C:\Program Files\Common Files\Crystal Decisions\3.0\Bin	2002, 2003	Crystal11_Net_EmbeddedReporting.msm, CrystalReports11_NET_EmbeddedInstall.msi
CR 11.5.0.x	11.5.3300.0 (11.5.3700.0)*	C:\Program Files\Business Objects\Common\3.5\bin	2002,2003,2005	CrystalReports11_5_NET.msm, CrystalReports11_5_NET_2005.msm, CrystalReports11_5_maps.msm, CrystalReports11_5_NET.msi, CrystalReports11_5_NET_2005.msi, CrystalRedist115_X86.msi
CR 12.0.0.x	12.0.1100.0 (12.0.2000.0)*	C:\Program Files\Business Objects\BusinessObjects Enterprise 12.0\win32_x86	2002, 2003, 2005, 2008	CRruntime_12_0.msm, CRRuntime_12_0_mlb.exe, CRRuntime_12_0._mlb.msi
CRVS20xx	13.0.2000.0	C:\Program Files (x86)\SAP BusinessObjects\Crystal Reports for .NET Framework 4.0\Common\SAP BusinessObjects Enterprise XI 4.0\win32_x86	2010 → 2019	See this Download WIKI fro more info on which Service Pack supports which version of Visual Studio:
CRVS20xx	13.0.3500.0	C:\Program Files (x86)\SAP BusinessObjects\Crystal Reports for .NET Framework 4.0\Common\SAP BusinessObjects Enterprise XI 4.0\win32_x86	2010 → 2019	See this Download WIKI fro more info on which Service Pack supports which version of Visual Studio SP 26
CRVS20xx	13.0.4000.0	C:\Program Files (x86)\SAP BusinessObjects\Crystal Reports for .NET Framework 4.0\Common\SAP BusinessObjects Enterprise XI 4.0\win32_x86	2010 → 2019	See this Download WIKI fro more info on which Service Pack supports which version of Visual Studio SP 27

* Indicates version of assemblies for framework 2.0 and 3.5

For more information including latest download links for Merge Module files, see the "Crystal Reports for Visual Studio .NET Runtime Distribution - Versions 9.1 to 12.0" wiki here:

http://wiki.sdn.sap.com/wiki/pages/viewpage.action?pageId=56787567

Another useful wiki maybe "What versions of Crystal Reports are supported on Windows Vista in VS .NET?" available at this link:

https://wiki.sdn.sap.com/wiki/pages/viewpage.action?pageId=64259646

For more help, don't forget to search the SAP notes:

https://www.sdn.sap.com/irj/sdn/businessobjects-notes

articles:

and downloads:

https://websmp130.sap-ag.de/sap(bD1lbiZjPTAwMQ==)/bc/bsp/spn/bobj_download/main.htm

Report Application Server Database Connectivity - ADO .NET

ADO .NET (XML)

.NET 1.1 Framework

PROPERTIES				
Database DLL	crdb_adoplus.dll			System.String
QE_DatabaseName				System.String
QE_DatabaseType	ADO.NET (XML)			System.String
QE_LogonProperties	File Path	C:\New Folder\reminders.xml	System.String	
	Internal Connection ID	{44fd501e-8cff-44b2-97d2-b67e58670ef6}	System.String	
QE_ServerDescription	NewDataSet			System.String
QE_SQLDB	False			System.Boolean
SSO Enabled	False			System.Boolean

Report Application Server Database Connectivity - SQL Server

SQL Server 2000

SQL Server ODBC

PROPERTIES			
Database DLL	crdb_odbc.dll		System.String
QE_DatabaseName	Xtreme		System.String
QE_DatabaseType	ODBC (RDO)		System.String
QE_LogonProperties	Database	Xtreme	System.String
	DSN	SQLvancsdb07	System.String
	SSOKEY		System.String
	Trusted_Connection	False	System.Boolean
	UseDSNProperties	False	System.Boolean
QE_ServerDescription	SQLvancsdb07		System.String
QE_SQLDB	True		System.Boolean
SSO Enabled	False		System.Boolean

Microsoft OLE DB Provider for SQL Server

PROPERTIES			
Database DLL	crdb_ado.dll		System.String
QE_DatabaseName	Xtreme		System.String
QE_DatabaseType	OLE DB (ADO)		System.String
QE_LogonProperties	Auto Translate	-1	System.String
	Connect Timeout	15	System.String
	Data Source	vancsdb07.product.businessobjects.com	System.String
	General Timeout	0	System.String
	Initial Catalog	Xtreme	System.String
	Integrated Security	FALSE	System.String
	Locale Identifier	4105	System.String
	OLE DB Services	-5	System.String
	Provider	SQLOLEDB	System.String
	SSOKEY		System.String
	Tag with column collation when possible	0	System.String
	Use DSN Default Properties	False	System.Boolean
	Use Encryption for Data	0	System.String
QE_ServerDescription	vancsdb07.product.businessobjects.com		System.String
QE_SQLDB	True		System.Boolean
SSO Enabled	False		System.Boolean