

Crystal Reports development documents

Listing of development related documents on <http://support.crystaldecisions.com>

Overview

This document provides a listing of all available development related documents on the Crystal Decisions Support web site. It also provides a description of each listed document and a link to its download location.

This document is continually updated as new documents are added to our Support site. Search for an updated copy at:

<http://support.crystaldecisions.com/docs>

under the filename:

docs_development.pdf

.NET SDK

Comparing the three object models for use in .NET

crnet_object_models_comparison.pdf

For Web application development using the Microsoft .NET platform, Crystal Decisions offers three reporting object models for developers. This document compares the .NET Object Model, the Report Application Server Object Model, and the Crystal Enterprise Object Model.

Crystal Reports licensing from version 7 to 9

cr_licensing.pdf

Describes the changes and additions made to licensing for custom applications using Crystal Reports. This document includes information from version 7 to 9 of Crystal Reports.

API

Crystal Reports Developer tools comparison matrix

SCR8DevToolsFeatureCompare.pdf

Compares the various features of Crystal Reports Developer tools for integrating Crystal Reports into your applications.

Exporting to different formats using Crystal Reports API calls

exportapi.pdf

This document covers exporting a report through an application using Crystal Reports Print Engine (API) calls.

How to use the DLL Search Expert (DSX) utility

dsx.pdf

This document demonstrates how to use the DSX utility with an application using Seagate Crystal Reports. The DSX utility is a helpful troubleshooting tool that provides a “snapshot” listing of files which are being used by an application.

Listing of API Print Engine sample applications in C and Microsoft Visual C++

apps_cpp_api.pdf

This document provides a listing of all available Print Engine API sample applications in C and C++ available on the Crystal Decisions Support web site. Included is a description of each application and a link to its download location.

Listing of Delphi sample applications

Apps_Delphi.pdf

This document provides a listing of all sample applications using Delphi on the Crystal Decisions Support web site. Included is a description of each application and a link to its download location.

API

Listing of development related documents

docs_development.pdf

A listing of documents on the Crystal Decisions Support web site (<http://support.crystaldecisions.com>) covering Crystal Reports developer tools.

Listing of PowerBuilder sample applications

Apps_PowerBuilder.pdf

This document provides a listing of all sample applications using PowerBuilder on the Crystal Decisions Support web site. Included is a description of each application and a link to its download location.

Listing of Print Engine (API) sample applications in Microsoft Visual Basic

Apps_VB_API.pdf

This document provides a listing of all Crystal Reports Print Engine (API) sample applications in Microsoft Visual Basic available on the Crystal Decisions Support web site. Included is a description of each application and a link to its download location.

Logging on to a database using Crystal Print Engine API calls

SCR_API_Database_Logon.pdf

This document describes how to logon to a database at runtime by making direct Application Programming Interface (API) calls using the Crystal Report Print Engine (Crpe32.dll). This document is for use with Crystal Reports 5 and higher.

Ordinal Numbers Text File for Print Engine (API) Calls.

ordinal.zip

An ordinal numbers listing for Crystal Print Engine (API) calls.

API

Overview of integrating Crystal Reports into applications

SCR8WaysToIntegrateSCR.pdf

Compares the various ways in which you can integrate Crystal Reports into your applications, and how to take advantage of the latest reporting technology in Crystal Reports.

Print Engine (API) Additions and Changes for Crystal Reports 8

SCR8_API_Changes.pdf

This document lists updates made to calls and structures in the Crystal Print Engine (API) for Crystal Reports 8.

Print Engine Error Codes

pecodes.pdf

This document lists all the error codes (with descriptions) that are generated by the Seagate Crystal Reports Print Engine.

Troubleshooting Crystal Print Engine (API) error codes

Errors_API.pdf

This document provides a listing of all troubleshooting content on the Crystal Decisions Support site related to Print Engine (API) error codes.

Troubleshooting database errors when using Crystal Development tools

cr_dev_dbissues.pdf

This document provides troubleshooting resources for solving database connectivity related errors when using Crystal Reports development tools.

API

Using Crystal Reports Print Engine calls (API) in Microsoft Visual Basic

Apibegin.pdf

This document describes how to preview a report using Microsoft Visual Basic, by making direct API calls to the Crystal Reports Print Engine (Crpe.dll or Crpe32.dll). Applies to Crystal Reports 5 and higher.

Using the Crystal Reports Print Engine API through Java

api_java.pdf

This document discusses using the Java Native Interface (JNI) to integrate a Java application with the Crystal Reports Print Engine API calls (PE calls). As well, an outline is given of the steps required to create a sample java application that will preview a report.

Applying Updates

Crystal Decisions Hot Fix and Service Pack FAQ

hot_fix_faq.pdf

A list of Frequently Asked Questions (FAQ) on Crystal Decisions Hot Fixes and Service Packs.

Automation

Automation Server Sample application - Using Remote Data Objects and Subreport

RDOSubreport.pdf

This module outlines how to create a report that contains one subreport and use Remote Data Objects (RDO) as a data source. This section covers how to return the RDO resultset at runtime to both the main and subreport, display the data you are going to report off in a list box, create the report at runtime and preview the report.

Crystal Reports Automation Server - Events

Events.pdf

This module outlines how to print reports directly to the screen using the new functionality of the Crystal Reports Automation Server. At completion of this module you will be able to respond to events in a Microsoft Visual Basic application based on actions performed on the previewed report.

Crystal Reports Automation Server functionality

autonatv.pdf

This module outlines how to perform specific tasks using the functionality of the Seagate Crystal Reports Automation Server (similar to the properties of the Crystal Custom Control (OCX) and Crystal Reports API (PE Calls)) within Microsoft Visual Basic 5 or 6. At the completion of this module you will be able to create a basic application using the Crystal Reports Automation Server connecting to a Microsoft Access database using native drivers.

Crystal Reports Automation Server: Part III -Subreports

Autosub.pdf

This document outlines how to access, preview, and change the database location of a subreport using the Crystal Report Automation Server in Microsoft Visual Basic. At the completion of this document you will understand how to use the subreport object. This document is for use with Crystal Reports 6 and higher.

Crystal Reports Developer tools comparison matrix

SCR8DevToolsFeatureCompare.pdf

Compares the various features of Crystal Reports Developer tools for integrating Crystal Reports into your applications.

Automation

How to use the DLL Search Expert (DSX) utility

dsx.pdf

This document demonstrates how to use the DSX utility with an application using Seagate Crystal Reports. The DSX utility is a helpful troubleshooting tool that provides a “snapshot” listing of files which are being used by an application.

How Visual Basic Developers can Migrate from the Crystal Report Engine Automation Server to the Report Designer Component as their Primary Integration Method

SCR8-CPEAUTToRDC.pdf

Explains why the Report Designer Component is the superior integration technology and details the steps that Visual Basic Developers can take to migrate from the CPEAUT to the Report Designer Component.

Listing of Automation server sample applications in Microsoft Visual Basic

Apps_VB_Aut.pdf

This document provides a listing of all Crystal Report Engine Automation server (cpeaut16.dll/cpeaut32.dll) sample applications in Microsoft Visual Basic available on the Crystal Decisions Support web site. Included is a description of each application and a link to it's download location.

Listing of development related documents

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A listing of documents on the Crystal Decisions Support web site (<http://support.crystaldecisions.com>) covering Crystal Reports developer tools.

Migrating from the Crystal Report Print Engine API to the Report Designer Component

SCR8MigrateCRPEAPIToRDC.pdf

Details the steps that Visual Basic and Visual C++ Developers can take to migrate from the Crystal Report Print Engine API to the Report Designer Component as their primary report integration method.

Automation

Overview of integrating Crystal Reports into applications

SCR8WaysToIntegrateSCR.pdf

Compares the various ways in which you can integrate Crystal Reports into your applications, and how to take advantage of the latest reporting technology in Crystal Reports.

Seagate Crystal Data Object - Passing a CDO Rowset object to a Subreport

CDOSubrep.pdf

This tutorial will show you how to pass a Crystal Data Object (CDO) Rowset to a subreport. The tutorial shows how to do using the Seagate Crystal Reports Automation Server CPEAUT32 and the Report Design Component Automation Server CRAXDRT. Though both of these COM components are Crystal Reports Automation Servers you will notice that the way the Rowset is passed to the subreport different for each component.

Seagate Crystal Reports Automation Server - Data Access Objects (DAO) Sample Application

DAOBasic.pdf

This module outlines how to report off Data Access Objects (DAO) using the Seagate Crystal Report Automation Server. This section covers how to return the DAO recordset at runtime, display the data you are going to report off in a list box, create the report at runtime and preview the report.

Seagate Crystal Reports Automation Server - Data Access Objects Subreport Sample Application

DAOSubrep.pdf

This module outlines how to create a report that contains one subreport using the Seagate Crystal Report Automation Server and both using Data Access Objects (DAO) as data source. This section covers how to bind a DAO recordset at runtime to both the main report and the subreport, display the recordset data in a list box, create the report at runtime and preview the report.

Automation

Seagate Crystal Reports Automation Server - Exporting

AutoExpt.pdf

This module describes how to export a report using the Crystal Reports Automation Server. The project was developed using Microsoft Visual Basic 5.0, but similar techniques will apply in Visual Basic 4.0 and 6.0. On completion of this module you will be able to create a Visual Basic project that will export a report "manually" (under user control) and programmatically, independent of the user.

Seagate Crystal Reports Automation Server (SCRAS) - Previewing in an MDI Application

AutoMDI.pdf

This module demonstrates how to preview a report inside an MDI child window. The SCRAS objects used in this tutorial are: Application and Report

Seagate Crystal Reports Automation Server (SCRAS): ActiveX Data Objects - Subreport Sample Application

adosubrep.pdf

This module outlines how to report off Active Data Objects (ADO). This section covers how to return multiple ADO Recordset objects at runtime and to report off the objects with the use of Seagate Crystal Report Subreports.

Seagate Crystal Reports Automation Server: Remote Data Object Sample Application

RDOBasic.pdf

This module outlines how to report off Remote Data Objects (RDO) using the Seagate Crystal Report Automation Server. This section covers how to return the RDO resultset at runtime, display the data you are going to report off in a list box, create the report at runtime and preview the report.

Troubleshooting Crystal Automation server error codes

Errors_Auto.pdf

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Automation

Troubleshooting database errors when using Crystal Development tools

cr_dev_dbissues.pdf

This document provides troubleshooting resources for solving database connectivity related errors when using Crystal Reports development tools.

Using Data Definition (TTX) files to pass an ADO recordset to a Crystal Report

Scr_ttxado.pdf

This document provides information about using Data Definition (TTX) files and Active Data with Crystal Reports. This document outlines how to create a report that has a Microsoft ActiveX Data Objects (ADO) recordset passed to it at runtime. This document is for use with Crystal Reports 6 and 7.

Client Desktop SDK

How to Integrate a Report into a Lotus/Domino Application

cd_product_integration_with_lotus.pdf

This technical brief outlines how to integrate a Crystal Report® into a Lotus® Domino application. This includes solutions for Lotus Notes®, Domino, and K-station. This paper outlines how to integrate reports into Lotus applications. It explains how to develop a solution using Crystal Decisions products.

COM SDK

Crystal Reports licensing from version 7 to 9

cr_licensing.pdf

Describes the changes and additions made to licensing for custom applications using Crystal Reports. This document includes information from version 7 to 9 of Crystal Reports.

Compiled Reports

Compiled Reports - Creation, Distribution, and Installation (version 5 and 6)

compiled56.pdf

This document covers issues around the use of compiled reports in Crystal Reports. Topics include create, distribution and installation of compiled reports. In addition, some of the limitations of compiled reports are covered. This document is for use with Crystal Reports version 5 and 6.

Creating, Distributing and Installing Compiled Reports in Crystal Reports 7 and higher.

compiled_reports.pdf

This document describes creating and using compiled reports in Crystal Reports. Also discussed are the steps in distribution, how to install a compiled report on a client computer and some of the limitations of compiled reports. This document is for use with Crystal Reports 7 and higher.

Crystal Reports for Visual Studio .NET

Comparing the three object models for use in .NET

crnet_object_models_comparison.pdf

For Web application development using the Microsoft .NET platform, Crystal Decisions offers three reporting object models for developers. This document compares the .NET Object Model, the Report Application Server Object Model, and the Crystal Enterprise Object Model.

Crystal Decisions and Microsoft .NET

net_reporting_solution.pdf

This document discusses Crystal Decisions strategy for delivering Enterprise Reporting, Analysis, and Information Delivery infrastructure for the Microsoft .NET platform.

Crystal Reports 9 Application Deployment

cr9net_deployment.pdf

This document discusses the options for deploying applications built with the Crystal Reports 9 .NET components. Both merge modules and a interactive install package are discussed.

Crystal Reports for Visual Studio .NET - Application Deployment

crnet_deployment.pdf

This document discusses how to create an application deployment project to allow you to seamlessly deploy Crystal Report for Visual Studio .NET on a client or server computer. This document is for use with Crystal Reports for Visual Studio .NET and later versions.

Crystal Reports for Visual Studio .NET - Object Models

crnet_object_models.pdf

This document discusses the three object models for Crystal Reports for Visual Studio .NET. This document outlines how each object model is used, how the object models are different and when you should use each object model.

Crystal Reports for Visual Studio .NET

Crystal Reports for Visual Studio .NET - Server File Deployment

crnet_serverfile_deployment.pdf

This document discusses how to create an application deployment project to allow you to deploy Crystal Report for Visual Studio .NET with the necessary files to run Server File Report (SFR) Web Services on a Web server. This document is only for use with Visual Studio 2002.

Crystal Reports for Visual Studio .NET - Server File Report Web Services

crnet_server_file_report.pdf

This document discusses using Server File Report web services in Crystal Reports for Visual Studio .NET. This document reviews the components that makes up the Server File Report web services and examines how to use these components.

Crystal Reports for Visual Studio .NET - Walkthrough - Design and View a report in a Win App

rtm_DesignerandWinFormsViewer.pdf

This document describes designing and viewing a report in a Windows application using Crystal Reports for Visual Studio .NET. This document is only for use with Crystal Reports for Visual Studio .NET and later versions.

Crystal Reports for Visual Studio .NET - Walkthrough - Exposing reports as Web Services

rtm_WebServices.pdf

This document describes exposing reports as web services using Crystal Reports for Visual Studio .NET. This document is only for use with Crystal Reports for Visual Studio .NET and later versions.

Crystal Reports for Visual Studio .NET - Walkthrough - Interactivity and Reports in a Web App

rtm_webformsample.pdf

This document describes interactivity and using reports in a web application using Crystal Reports for Visual Studio .NET. This document is only for use with Crystal Reports for Visual Studio .NET and later versions.

Crystal Reports for Visual Studio .NET

Crystal Reports for Visual Studio .NET - Walkthrough - Reporting off ADO.NET Datasets

rtm_ReportingOffADONETDataSets.pdf

This document describes reporting off an ADO.NET Dataset using Crystal Reports for Visual Studio .NET. This document is only for use with Crystal Reports for Visual Studio .NET and later versions.

Crystal Reports for Visual Studio .NET - Walkthrough - Viewing a report in a web application

rtm_WebFormsViewer.pdf

This document describes viewing a report in a web application using Crystal Reports for Visual Studio .NET. This document is only for use with Crystal Reports for Visual Studio .NET and later versions.

Crystal Reports for Visual Studio .NET Business Intelligence Web Services

crnet_bi_web_services.pdf

This document provides a detailed overview of Crystal Decisions Business Intelligence (BI) Web Services technology called XML Report Web Services.

Crystal Reports Guide To ADO.NET

crnet_adonet.pdf

This document describes how to use Crystal Reports for Visual Studio .NET with ADO.NET. This document also covers the differences between ADO and ADO.NET. This document is for use with Crystal Reports 9 and later versions.

Listing of .NET Sample Applications in C# and C++ .NET

apps_net.pdf

This document provides a listing of all available .NET sample applications in C# and C++ on the Crystal Decisions Support web site. This document also provides a description of each application and a link to its download location.

Crystal Reports for Visual Studio .NET

Listing of .NET Sample Applications in Visual Basic .NET

apps_vbnet.pdf

This document provides a listing of all available .NET sample applications in Visual Basic .NET available on the Crystal Decisions support web site. This document also provides a description of each application and a link to its download location.

Listing of .NET Sample Applications using Crystal Enterprise

apps_ce_net.pdf

This document provides a listing of all available .NET /Crystal Enterprise sample applications on the Crystal Decisions Support web site. This document also provides a description of each application and a link to its download location.

Listing of development related documents

docs_development.pdf

A listing of documents on the Crystal Decisions Support web site (<http://support.crystaldecisions.com>) covering Crystal Reports developer tools.

Printing Web based reports with Crystal Reports for Visual Studio .NET

crnet_web_app_printing.pdf

This white paper describes three scenarios available for printing reports that are displayed over the Web using Crystal Reports for Visual Studio .NET.

Scaling Crystal Reports for Visual Studio .NET

crnet_scalability.pdf

This document provides some scalability best practices for applications using Crystal Reports for Visual Studio .NET

Crystal Reports for Visual Studio .NET

Using the Report Designer Component in Microsoft Visual Studio .NET

crnet_rdc.pdf

This document describes using the Report Designer Component (RDC) in Microsoft Visual Studio .NET (VS .NET). This document covers the advantages and disadvantages of using the RDC in VS .NET and includes a tutorial for integrating the RDC in VS .NET.

Using the Web Forms Report Parts Viewer

cr9net_report_parts_viewer.pdf

This technical brief describes how to use the Crystal Reports 9 Web Forms Report Parts Viewer to view reports in an ASP.NET web application.

VB .NET web application - Connecting to a SQL database

vbnet_web_simpleloginengine.exe

This VB .NET web application demonstrates how to log onto a secure SQL database using the database table objects of the ReportDocument class. This application is for use with Crystal Reports for Visual Studio .NET and later versions.

Crystal Repository

Using the Repository for More Productive Report Development

repository.pdf

Find out how you can take advantage of the new Repository in Crystal Reports 9 for more efficient report development and maintenance.

Crystal Web Reports Server

Top 10 Troubleshooting Tips for Crystal Reports

top_10_cr.pdf

This document discusses the top 10 troubleshooting tips for Crystal Reports. Areas covered in this document include development, web technologies, report creation and design, and database connectivity.

Database Connections/Operations

Creating a Java Bean to use as a Crystal Reports Data Source

cr9_java_bean_datasource.pdf

Crystal Reports 9 has the functionality to use Java Beans as data sources. This document will aid you in constructing a Java Bean in a format that Crystal Reports can report against. This document is for use with Crystal Reports 9.

OLAP Reporting with Crystal Reports 9

cr9_olap.pdf

This document outlines the process required to produce a number of reports based on OLAP data and how to combine Report Parts based on multiple OLAP data sources into a single, highly formatted report. This document also includes useful tips and shortcuts to help you maximize the value of the OLAP functionality in Crystal Reports 9.

Distribution

Crystal Reports licensing from version 7 to 9

cr_licensing.pdf

Describes the changes and additions made to licensing for custom applications using Crystal Reports. This document includes information from version 7 to 9 of Crystal Reports.

ePortfolio Lite

Introduction to the Report Application Server

intro_ras.pdf

This document provides an introduction to the Report Application Server (RAS) as a solution to deliver report to users through the Web or network.

Java SDK

Crystal Reports licensing from version 7 to 9

cr_licensing.pdf

Describes the changes and additions made to licensing for custom applications using Crystal Reports. This document includes information from version 7 to 9 of Crystal Reports.

Miscellaneous

Changing the printer at runtime using the DEVMode Structure

devmode.pdf

This document provides an overview of using the crDevMode structure with the PESelectPrinter and crPESelectPrinter Print Engine function calls. These structures and functions of the Seagate Crystal Reports Print Engine can be used together to change the printer that a report uses at runtime.

Comparing the Crystal Reports Designer with the Report Designer Component

comparisonbetweencrwrdc.pdf

This document compares the features between the Crystal Report Designer (Crw32.exe) and the Report Designer Component's designer (Craxdui.dll) in Crystal Reports 8.5.

Crystal Reports 8 Compatibility Issues

scr8-compatibilityissues.pdf

This document explains how Crystal Reports 8 behaves in combination with other Crystal Decisions products (including Crystal Reports 7, Seagate Info 7, and Seagate Analysis 7).

Crystal Reports ActiveX (OCX) and Access FAQ

scr_vb_ocx_accessfaq.pdf

This FAQ discusses frequently asked questions and issues concerning the Crystal Reports ActiveX (OCX) control and Microsoft Access.

Feature Comparison by Version and Edition for Crystal Reports 9

cr9feat_ver.pdf

This file contains a matrix comparing the features in versions 4.5, 5, 6, 7, 8, 8.5, and 9 of Crystal Reports. This document highlights version 9's new features and also specifies which edition they are available in (Advanced, Developer, Professional, or Standard).

Miscellaneous

Learning the basics of Microsoft's Data Environment

data_environment.pdf

This document discusses using the Microsoft Data Environment with the Crystal Report Designer Component.

License Information and Installation Issues for Asia-Pacific and Latin American Areas

cr_encrypted_license_installation.pdf

This document provides an overview of license information for encrypted versions of Crystal Reports (CR) 8 and 8.5 that have been distributed in the Asia-Pacific and Latin American areas. This document also includes how to obtain a License Key and how to troubleshoot installation issues related to license information.

Listing of database connectivity related documents

docs_database.pdf

A listing of documents on the Crystal Decisions Support web site (<http://support.crystaldecisions.com>) covering database connectivity.

Listing of RDC sample applications

apps_rdc.pdf

This document provides a listing of all available Report Designer Component (RDC) sample applications available on the Crystal Decisions Support web site. Included is a description of each application and a link to its download location.

Report Design Component (RDC) 6 and 7 frequently asked questions

RDC_FAQ.pdf

This document contains a listing of frequently asked questions posed by users of the Crystal Report Designer Component (RDC) version 6 and 7.

Using the RDC in Visual C++

scr_rdc_cpp.pdf

This document discusses integrating the Crystal Report Designer Component (RDC) in Microsoft Visual C++. This document is for use with Crystal Reports 7 or higher.

New Install

Support Platforms for Crystal Reports 9 - Korean

cr9_platforms_korean.pdf

This file list the platforms that have been tested for use with Crystal Reports 9 (Korean).

cr9_platforms_korean.rtf

This file list the platforms that have been tested for use with Crystal Reports 9 (Korean).

OCX

Crystal ActiveX (OCX) control graphing properties guide

cr_ocx_graphing.pdf

This document describes three OCX graphing properties that enable a graph to be modified at runtime. The three properties covered are: GraphOptions, GraphText, and GraphType.

Crystal OCX control with an ADO result set

adoocx.pdf

This document demonstrates how to pass an Active Data source (RDO, ADO, etc.) to a Crystal Reports ActiveX (OCX) control. Included is a tutorial which creates an ADO result set, creates a report, and passes the ADO recordset to the OCX control at runtime.

How to use the DLL Search Expert (DSX) utility

dsx.pdf

This document demonstrates how to use the DSX utility with an application using Seagate Crystal Reports. The DSX utility is a helpful troubleshooting tool that provides a “snapshot” listing of files which are being used by an application.

How Visual Basic Developers can Migrate from the OCX to the Report Designer Component as their Primary Integration Method

SCR8-OCXToRDC.pdf

Explains why the Report Designer Component is the superior integration technology and details the steps that Visual Basic Developers can take to migrate from the OCX to the Report Designer Component.

Listing of Crystal ActiveX (OCX) sample applications

Apps_OCX.pdf

This document provides a listing of all available Crystal ActiveX (OCX) control sample applications on the Crystal Decisions Support web site. Included is a description of each application and a link to its download location.

OCX

Listing of development related documents

docs_development.pdf

A listing of documents on the Crystal Decisions Support web site (<http://support.crystaldecisions.com>) covering Crystal Reports developer tools.

Migrating from the OCX Control to the Crystal Reports 9 Report Designer Component (RDC)

cr9_ocx_to_rdc.pdf

This document discusses how Visual Basic developers can migrate from the OCX control to the RDC as their primary integration method. This document includes an overview of the RDC, descriptions of its major components and object model, and an outline of its advanced features not available within the OCX.

Overview of integrating Crystal Reports into applications

SCR8WaysToIntegrateSCR.pdf

Compares the various ways in which you can integrate Crystal Reports into your applications, and how to take advantage of the latest reporting technology in Crystal Reports.

Passing a Crystal Selection Formula using the Crystal OCX Control

OCX_SelectionFormula_prop.pdf

This document provides an overview of various techniques used to pass a selection formula to a report using the Crystal OCX Control in Microsoft Visual Basic. Included are code samples demonstrating how to use declared variables in Microsoft Visual Basic for passing Crystal Selection Formulas.

Passing a value to a formula field using the Crystal OCX control

cr_ocx_formulas_property.pdf

An overview of various techniques used to pass a value to a formula field using the Crystal ActiveX (OCX) control in Microsoft Visual Basic. Included are code samples demonstrating how to use declared variables in Microsoft Visual Basic to pass values to Crystal formula fields at runtime.

OCX

Troubleshooting Crystal ActiveX (OCX) control error codes

Errors_OCX.pdf

This document provides a listing of all troubleshooting content on the Crystal Decisions Support site related to OCX error codes.

Troubleshooting database errors when using Crystal Development tools

cr_dev_dbissues.pdf

This document provides troubleshooting resources for solving database connectivity related errors when using Crystal Reports development tools.

Using Crystal Reports with the Visual Basic 6 Data Environment

cr_ocx_dataenvir.pdf

This document covers how the Crystal ActiveX (OCX) control can be used in conjunction with the Microsoft Visual Basic 6.0 Data Environment.

Using the Crystal OCX control in Microsoft Visual C++

cocx.pdf

A tutorial which gives an overview of using the Crystal OCX control in Microsoft Visual C++. Topics include how to include and use the control in a Visual C++ application.

Using the Crystal OCX with a CDO or DAO recordset

cr_ocx_cdodao.pdf

This document demonstrates how to pass a CDO or DAO recordset to a Crystal Reports ActiveX (OCX) control. Included are two tutorials that create the respective recordsets and pass them to the OCX control at runtime.

Opening/Saving Report

Top 10 Troubleshooting Tips for Crystal Reports

top_10_cr.pdf

This document discusses the top 10 troubleshooting tips for Crystal Reports. Areas covered in this document include development, web technologies, report creation and design, and database connectivity.

Using Report Parts in Crystal Reports 9

cr9_report_parts.zip

This document describes using the new Report Parts feature that has been introduced with the latest version of Crystal Reports 9.

Report Application Server SDK

How to Integrate a Report into a Lotus/Domino Application

cd_product_integration_with_lotus.pdf

This technical brief outlines how to integrate a Crystal Report® into a Lotus® Domino application. This includes solutions for Lotus Notes®, Domino, and K-station. This paper outlines how to integrate reports into Lotus applications. It explains how to develop a solution using Crystal Decisions products.

Report Designer Component (RDC)

Accessing Crystal Reports Parameter Fields with the RDC

RDCParam.pdf

This document explains how the Report Designer Component (RDC) can be used to access and modify parameter fields at runtime. This document is for use with Crystal Reports 7 and higher.

Comparing the Crystal Reports Designer with the Report Designer Component

comparisonbetweencrwrdc.pdf

This document compares the features between the Crystal Report Designer (Crw32.exe) and the Report Designer Component's designer (Craxdui.dll) in Crystal Reports 8.5.

Connecting the RDC to a Data Source

cr_rdc_dbconnectivity.pdf

This document describes the various methods for connecting to a data source using the Report Designer Component (RDC). Applies to Crystal Reports 8.0 and higher.

Creating a RDC 9 Deployment Package

rdc9_deployment.pdf

This document describes the methods for creating a deployment package to distribute a Report Designer Component (RDC) 9 application. This document is for use with Crystal Reports 9.

Crystal Reports Developer tools comparison matrix

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Report Designer Component (RDC)

Crystal Reports licensing from version 7 to 9

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Exporting using the Report Designer Component

CR8_VB_RDC_Export.pdf

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How to Integrate a Report into a Lotus/Domino Application

cd_product_integration_with_lotus.pdf

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Report Designer Component (RDC)

How Visual Basic Developers can Migrate from the OCX to the Report Designer Component as their Primary Integration Method

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Migrating from the Crystal Report Print Engine API to the Report Designer Component

SCR8MigrateCRPEAPIToRDC.pdf

Details the steps that Visual Basic and Visual C++ Developers can take to migrate from the Crystal Report Print Engine API to the Report Designer Component as their primary report integration method.

Migrating from the OCX Control to the Crystal Reports 9 Report Designer Component (RDC)

cr9_ocx_to_rdc.pdf

This document discusses how Visual Basic developers can migrate from the OCX control to the RDC as their primary integration method. This document includes an overview of the RDC, descriptions of its major components and object model, and an outline of its advanced features not available within the OCX.

Report Designer Component (RDC)

Overview of integrating Crystal Reports into applications

SCR8WaysToIntegrateSCR.pdf

Compares the various ways in which you can integrate Crystal Reports into your applications, and how to take advantage of the latest reporting technology in Crystal Reports.

RDC Sample Application - Using Remote Data Objects and Subreports

RDORDCSubreport.pdf

This module outlines how to create a report that contains one subreport, using the Report Designer Component Automation Server, and uses Remote Data Objects (RDO) as a data source. This section covers how to create the DSR using RDO, how to add a subreport and RDO database, return the RDO resultset at runtime and bind it to both the main and subreport and preview the report.

RDC Sample application in VB - Using Remote Data Object

RDORDCBasic.pdf

This module outlines how to create a report using the Report Designer Component Automation Server that contains one subreport and uses Remote Data Objects (RDO) as data source. This section covers how to create the DSR using RDO, add the Subreport, create the RDO database object, return the RDO resultset at runtime to both the main report and the subreport and preview the report.

Release notes for the version 7 RDC Smart Viewer

rdc_viewer_releasenotes.pdf

This document is intended to answer common questions concerning issues with the version 7 RDC Smart Viewer component. The document discusses known problems and limitations of the Smart Viewer. This document is for use with Crystal Reports version 7.

Report Designer Component (RDC)

Report Design Component (RDC) 6 and 7 frequently asked questions

RDC_FAQ.pdf

This document contains a listing of frequently asked questions posed by users of the Crystal Report Designer Component (RDC) version 6 and 7.

Report Designer Component - Tutorial and Getting Started Guide

rdc_tutorial.pdf

This document describes how to create a Visual Basic application using the Crystal Report Designer Component 8 (RDC). This document covers the basic properties and methods that would be used to create an application that prints, previews, or exports a report. This document is for use with Crystal Reports 8 and higher.

Report Designer Component 8 Frequently Asked Questions

rdc8_faq.pdf

This document contains a listing of frequently asked questions posed by users of the Crystal Report Designer Component (RDC) version 8.

Report Designer Component 9 - Connection Properties

cr_rdc9_connectionproperties.pdf

This document describes the new Report Designer Component properties and methods available at runtime to connect your report to its data source. This document is for use with Crystal Reports 9 and later.

Report Designer Component 9 - Tutorial and Getting Started Guide

rdc9_tutorial.pdf

This document describes how to create a Visual Basic application using the Crystal Report Designer Component 9 (RDC). This document covers the basic properties and methods that would be used to create an application that prints, previews, or exports a report. This document is for use with Crystal Reports 9.

Report Designer Component (RDC)

Report Designer Component ActiveX Data Objects

ado_rdc.pdf

This module outlines how to report off ActiveX Data Objects (ADO) using the Report Designer Component (RDC). This section covers how to return an ADO recordset at runtime, display the data you are going to report off in a list box, create the field definition file (TTX file) and preview the report.

Report Designer Component with ActiveX Data Objects: Subreport Sample Application

ado_rdcsubrep.pdf

This module outlines how to report off Active Data Objects (ADO) with the RDC. This section covers how to return multiple ADO recordset objects at runtime and to bind one of the recordsets to a subreport.

Report Designer Component: Data Access Objects (DAO) - Subreport Sample Application

daordcsubrep.pdf

This module outlines how to create a report, using the Report Designer Component Automation Server, that contains one subreport and has Data Access Objects (DAO) as a data source. This tutorial covers how to create a DSR using DAO as its data source, add a subreport (also using DAO as data source), bind DAO recordsets at runtime to both the main and subreport and preview the report.

Runtime File Requirements for the Report Designer Component version 6

runtime.pdf

This document discusses the runtime files requirements to distribute an application developed using the Report Designer Component version 6. This document is for use with Crystal Reports version 6.

Report Designer Component (RDC)

Seagate Crystal Report Designer Component:Data Access Object

DAORDCBasic.pdf

This module outlines how to create a report using the Report Designer Component Automation Server and uses Data Access Objects (DAO) as a data source. This section covers how to create a DSR using DAO, create the DAO Database object, create a DAO recordset and bind it to the main report then preview the report.

Top 10 Troubleshooting Tips for Crystal Reports

top_10_cr.pdf

This document discusses the top 10 troubleshooting tips for Crystal Reports. Areas covered in this document include development, web technologies, report creation and design, and database connectivity.

Troubleshooting database errors when using Crystal Development tools

cr_dev_dbissues.pdf

This document provides troubleshooting resources for solving database connectivity related errors when using Crystal Reports development tools.

Using Data Definition (TTX) files to pass an ADO recordset to a Crystal Report

Scr_ttxado.pdf

This document provides information about using Data Definition (TTX) files and Active Data with Crystal Reports. This document outlines how to create a report that has a Microsoft ActiveX Data Objects (ADO) recordset passed to it at runtime. This document is for use with Crystal Reports 6 and 7.

Scr8_ttxado.pdf

This document provides information about using Data Definition (TTX) files and Active Data with Crystal Reports. This document outlines how to create a report that has a Microsoft ActiveX Data Objects (ADO) recordset passed to it at runtime. This document is for use with Crystal Reports 8.

Report Designer Component (RDC)

Using the RDC in Borland Delphi 5

cr_rdc_delphi.pdf

This document discusses integrating the Crystal Report Designer Component (RDC) in Borland Delphi 5. This document is for use with Crystal Reports 7.0 or higher.

Using the Report Designer Component (RDC) in Lotus Notes

cr_lotus_rdc.pdf

This document illustrates steps required to integrate the RDC into a Lotus Domino application. A number of common report-handling tasks examples are given and explained. This document is for use with Crystal Reports 7 or later and Lotus Domino R5.05 or later.

Using the Report Designer Component in Microsoft Visual Studio .NET

crnet_rdc.pdf

This document describes using the Report Designer Component (RDC) in Microsoft Visual Studio .NET (VS .NET). This document covers the advantages and disadvantages of using the RDC in VS .NET and includes a tutorial for integrating the RDC in VS .NET.

User Defined Function Library (UFL)

Creating a User Defined Function in Microsoft Visual Basic

SCR_User_Defined_Functions.pdf

This document demonstrates how to create an Automation Server (DLL) in Microsoft Visual Basic 5.0 or 6.0. The Automation Server contains User Defined Functions for use in the Seagate Crystal Report Designer. This document is for use with Crystal Reports 6 and higher.

Creating Seagate Crystal Reports User Function Libraries (UFLs) in Delphi

ufl_delphi.pdf

This document describes how to create a Seagate Crystal Reports User Function Library (UFL) in Delphi 3 or higher. User Function Libraries can be used to create customized functions in formulas for the Seagate Crystal Reports formula language.

Listing of development related documents

docs_development.pdf

A listing of documents on the Crystal Decisions Support web site (<http://support.crystaldecisions.com>) covering Crystal Reports developer tools.

VCL

Getting Started with the VCL in Borland Delphi 5

cr_vcl_delphi.pdf

This document discusses using the Crystal Reports Visual Component Library (VCL) with Borland Delphi 5. Examples of common report handling tasks, such as previewing, logging on to a database, and passing parameters are presented. This document is for use with Crystal Reports 7 and higher.

How to use the DLL Search Expert (DSX) utility

dsx.pdf

This document demonstrates how to use the DSX utility with an application using Seagate Crystal Reports. The DSX utility is a helpful troubleshooting tool that provides a “snapshot” listing of files which are being used by an application.

Listing of Delphi sample applications

Apps_Delphi.pdf

This document provides a listing of all sample applications using Delphi on the Crystal Decisions Support web site. Included is a description of each application and a link to its download location.

Listing of development related documents

docs_development.pdf

A listing of documents on the Crystal Decisions Support web site (<http://support.crystaldecisions.com>) covering Crystal Reports developer tools.

Overview of integrating Crystal Reports into applications

SCR8WaysToIntegrateSCR.pdf

Compares the various ways in which you can integrate Crystal Reports into your applications, and how to take advantage of the latest reporting technology in Crystal Reports.

VCL

Troubleshooting database errors when using Crystal Development tools

cr_dev_dbissues.pdf

This document provides troubleshooting resources for solving database connectivity related errors when using Crystal Reports development tools.

Crystal Decisions Hot Fix Information

Crystal Decisions Hot Fix and Service Pack FAQ

hot_fix_faq.pdf

A list of Frequently Asked Questions (FAQ) on Crystal Decisions Hot Fixes and Service Packs.

Crystal Decisions Hot Fix Application Guide

hot_fix_application_guide.pdf

This document describes important information about Crystal Decisions Hot Fixes and how to apply them. Please review it before applying Hot Fixes in your environment. This document was previously named "How to Apply Crystal Decisions Hot Fixes", Hot_Fix_Application_Guide.pdf

Crystal Decisions Hot Fix Dependencies

hot_fix_dependencies.zip

This is a ZIP file containing an HTM file detailing the specific dependencies of the Crystal Decisions Hot Fixes. Please follow the instructions provided in the ReadMe.txt to use the file. The information is to be used as a guide when planning which Hot Fixes to apply in your Crystal Decisions deployment. This document will be updated as needed on a regular basis. NOTE: This document was formerly available as a PDF file.

Contacting Crystal Decisions for Technical Support

We recommend that you refer to the product documentation and that you visit our Technical Support web site for more resources.

Self-serve Support:

<http://support.crystaldecisions.com/>

Email Support:

<http://support.crystaldecisions.com/support/answers.asp>

Telephone Support:

<http://www.crystaldecisions.com/contact/support.asp>