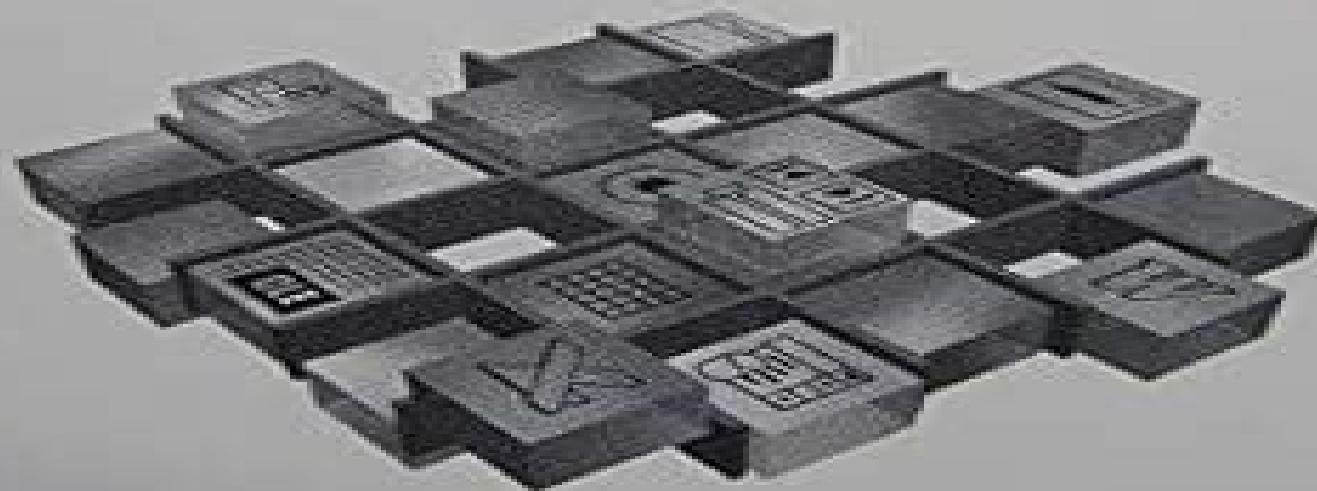


Crystal Reports for Visual  
Basic User's Manual



Microsoft  
**Visual Basic**

# Crystal Reports Programming Manual

**Brian Bischof**

## **Crystal Reports Programming Manual:**

**Crystal Reports XI Official Guide** Neil FitzGerald, et al., 2006-11-01 The authorized guide to the latest edition of the 1 business intelligence software product Crystal Reports More than 16 million licenses of Crystal Reports have been shipped to date This book is a reference designed to provide hands on guidance for the latest release of the product suite The latest version of Crystal Reports and the Business Objects enterprise reporting suite delivers vast product enhancements and a tighter integration that will drive upgrades from licensees Brand new features e g Dynamic and Cascading Parameter Generation will also appeal to new audiences Over 1 million new Business Intelligence licensees will be migrating to the Crystal Enterprise Reporting platform as this is the first release of the software with the existing Business Objects BO products being integrated into the Crystal infrastructure As Business Objects insiders the authors bring unique and valuable real world perspectives on implementations and uses of the Crystal Reports product The book also includes content tutorials and samples for reporting within the Microsoft Visual Studio .NET and J2EE development environments and also on top of the SAP Business Information Warehouse BW and the Peoplesoft platform Advanced content on report distribution and integration into the secured managed reporting solution known as Business Objects Enterprise XI is also now included in this definitive user guide with coverage on the new Web Services SDK

## **Crystal Reports for Visual Basic User's Manual**

Microsoft Corporation, 1995     **Crystal Reports .NET Programming** Brian Bischof, 2004 I wrote this book from the perspective of a programmer wanting to learn how to integrate reports within a .NET application I've been working with Crystal Reports since Visual Basic 3 and it's always been difficult to find technical information on report writing I spent a year and a half researching what .NET programmers need to successfully create, implement and deploy a Crystal Reports application I even put the book on the internet for everyone to read for free all of last year This generated an incredible number of emails from programmers telling me what they liked, disliked and what was missing from the book I learned that there are two distinct types of .NET programmers using Crystal Reports The first type of programmer doesn't have much experience with Crystal Reports and wants a series of tutorials to help them build reports from scratch For this programmer I wrote 13 chapters which teach you everything about adding reports to ASP .NET and Windows applications It starts with the basics of building reports to adding charts, crosstab reports, sorting and grouping subreports and using the formula editor with Basic syntax and Crystal syntax The second type of programmer has been using Crystal Reports for years and is mostly concerned with how to do technical runtime customization of reports For this programmer I researched and diagrammed the undocumented report object models I included dozens of examples in both VB .NET and C to show you how to modify reports, manipulate different data sources XML, ADO .NET, ODBC, OLE DB, stored procedures with parameters, modify formulas and report parameters and integrate .NET with the RAS and RDC The dozens of emails I received when the book was online were instrumental for doing a major revision of many chapters before publishing the book in hardcopy format Since releasing the

book I continue to receive more emails from people They regret that the free book isn't online anymore but understand that it couldn't last forever and that the hardcopy version is even better I hope you like it and that it helps you achieve your reporting goals September 2004 Update Due to high demand I did a second printing of the book I took advantage of this opportunity to go through the book and remove all grammatical errors The content is the same but the typos have been corrected

**Crystal Reports 2008 Official Guide** Neil FitzGerald, 2008-10-02 CRYSTAL REPORTS 2008 OFFICIAL GUIDE Whether you're a DBA data warehousing or business intelligence professional reporting specialist or developer this book has the answers you need Through hands on examples you'll systematically master Crystal Reports and Xcelsius 2008's most powerful features for creating distributing and delivering content One step at a time long time Crystal Reports insiders take you from the basics through advanced content creation and delivery using Xcelsius Crystal Reports Server crystalreports.com and the offline Crystal Reports Viewer Every significant enhancement introduced in Crystal Reports 2008 is covered including its new visualization options and more robust Web services capabilities The book concludes by showing how to use Crystal Reports powerful .NET and Java SDKs to customize and extend enterprise reporting in virtually unlimited ways Learn hands on through step by step examples and exercises and discover tips and tricks proven in real world enterprise environments Master new Crystal Reports 2008 features including interactive report viewing Xcelsius dashboarding Flex and Flash integration Report Designer improvements report bursting and more Publish professional quality reports against virtually any data source including relational and OLAP databases Universes SAP PeopleSoft JavaBeans .NET COM objects XML and more Discover advanced visualization techniques using Xcelsius charts and maps Learn methods for distributing reports and integrating content into other applications Learn about the latest reporting addition to the Business Objects family Xcelsius and begin creating dynamic and interactive dashboards NEIL FITZGERALD has spent several years working at Business Objects and with one of Business Objects largest providers of custom BI and enterprise reporting solutions BOB COATES currently works as a Sales Consultant for Business Objects an SAP company where he has been employed for more than eleven years RYAN GOODMAN is the founder of Centigon Solutions Inc and remains one of the top Xcelsius experts and evangelists in the world MICHAEL VOLOSHKO is a senior presales consultant for the financial services team at Business Objects ON THE WEB Find all this and more at informit.com sams Java and .NET sample reports and code samples for all examples in the book Bonus chapters tips tricks and links to great reporting resources CATEGORY Database COVERS Crystal Reports 2008 Crystal Reports Server 2008 Crystal Reports Viewer crystalreports.com Xcelsius 2008 USER LEVEL Beginning Intermediate

**Microsoft Visual Basic 4** Microsoft Corporation, 1995 [Crystal Reports Training Manual Classroom in a Book](#) TeachUcomp, 2013-10-27 Complete classroom training manuals for Crystal Reports Two manuals Introductory and Advanced in one book 226 pages and 118 individual topics Includes practice exercises and keyboard shortcuts You will learn all about how to establish data connections create

complex and detailed reports advanced charting techniques and much more Topics Covered The Crystal Reports Environment 1 Starting Crystal Reports 2 The Menu Bar 3 Using Toolbars 4 The Design View Creating Data Connections 1 Creating a New Blank Report 2 The Database Expert 3 Access Excel DAO 4 ADO NET XML 5 Database Files 6 Java Beans Connectivity 7 JDBC JNDI 8 ODBC RDO 9 OLAP 10 OLE DB ADO 11 Salesforce com 12 SAP BW MDX Query 13 SAP Info Sets 14 SAP Operational Data Source 15 SAP Table Cluster or Function 16 Universes 17 XML and Web Services 18 Repository 19 More Data Sources 20 Selecting Report Data and Tables 21 The Data Explorer Creating Basic Reports 1 Adding Data Fields to a Report 2 Browsing Field Data 3 Selecting Moving and Resizing Fields 4 Using the Size and Align Commands 5 Creating Text Objects 6 Saving a Report 7 Previewing a Report 8 Refreshing the Report Data Linking Tables in a Report 1 Basic Table Structures and Terms 2 Linking Multiple Tables 3 Table Joins 4 Enforcing Table Joins and Changing Link Types Basic Formatting Techniques 1 Formatting Report Objects 2 The Common Tab of the Format Editor 3 The Number Tab of the Format Editor 4 The Font Tab of the Format Editor 5 The Border Tab of the Format Editor 6 The Date and Time Tab of the Format Editor 7 The Paragraph Tab of the Format Editor 8 The Picture Tab of the Format Editor 9 The Boolean Tab of the Format Editor 10 The Hyperlink Tab of the Format Editor 11 The Subreport Tab of the Format Editor 12 Drawing Lines 13 Drawing Boxes 14 Format Painter 15 Formatting Part of a Text Object 16 The Template Expert 17 Inserting Pictures Record Selection 1 The Select Expert 2 Setting Multiple Filters 3 Editing the Selection Formula Sorting and Grouping Records 1 The Record Sort Expert 2 The Group Expert 3 Managing Groups 4 Summarizing Groups 5 Hierarchical Groupings 6 The Group Sort Expert Printing Reports 1 Inserting Special Fields 2 Page Setup 3 Printing Reports Using Formulas 1 Crystal Reports Formula Syntax 2 The Formula Workshop Formula Editor Window 3 Creating Formula Fields 4 Crystal Syntax 5 Basic Syntax 6 Finding Function and Operator Assistance Advanced Formatting 1 The Highlighting Expert 2 The Section Expert 3 Conditionally Formatting a Section 4 Conditionally Formatting a Field 5 Manipulating Multiple Sections Summary Reports 1 Summarizing Report Data 2 Using the DrillDownGroupLevel Feature Charting 1 The Chart Expert 2 Editing Charts 3 Setting General Chart Options 4 Formatting Selected Chart Items 5 Formatting a Data Series 6 Formatting Chart Gridlines 7 Setting Chart Axes Options 8 Adding Chart Trendlines 9 Modifying a 3D Chart View 10 Using Chart Templates 11 Auto Arranging Charts Advanced Reporting Tools 1 Using Running Totals 2 Creating Parameter Fields 3 Parameterized Record Selection 4 Creating Subreports 5 Report Alerts 6 Report Alert Functions Advanced Formula Creation 1 Evaluation Time Functions 2 Declaring Variables 3 Using and Displaying Variables 4 Using Array Values 5 Using If Then Else Statements 6 Using the Select Case Statement 7 Using For Loops 8 Using Do While Loops 9 The IIF Function Advanced Reporting 1 Creating a Report Template 2 Exporting Report Results 3 Exporting as HTML 4 Setting Default Options 5 Setting Report Options Using Report Wizards 1 Using the Report Wizards 2 Report Wizard Types 3 Creating a Cross Tab Report Advanced Database Concepts 1 Viewing the SQL Code 2 Using Table Aliases 3 Verifying the Database 4 Setting the Datasource Location 5

Mapping Fields    **Beginner's Guide to Crystal Reports 2013** Eric M. Gatmaitan,2013-11-03 The Beginner's Guide to Crystal Reports 2013 was written as a quick start guide for beginners and not intended as a comprehensive reference manual. The Beginner's Guide to Crystal Reports 2013 is a simple to follow quick start procedure for first time users without any computer programming experience. Once you learn the basic skills in this book download the free comprehensive 730 page user guide provided by SAP to reference all the functions of Crystal Reports 2013. Use web search key words SAP Crystal Reports 2013 User Guide. This book is not a user guide. Crystal Reports elevates MS Excel users to the next skill level in data analytics and reporting. It enables users to independently access live data from various data sources. With an established data source connection learning and using Crystal Reports 2013 is as easy as using Microsoft Excel. Includes color screen shots and examples to guide users every step of the way. Learn how to setup a data connection, examine a data structure, create a new report, add data fields, format a report, add pictures, charts and create formulas. See how to filter data, setup user parameters and create a summary report with drill down features. The third edition includes lessons for beginners to gain intermediate skills. This book demystifies the complexity of using Crystal Reports and presents it as a user friendly application. This book is currently used in corporate training to teach non programmers how to extract system data and create basic reports. This book is intended to provide the reader the basic skills at creating simple reports and the confidence to learn advanced skills independently. This is NOT a comprehensive reference manual.

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Programmer's Guide Whether you are a beginning Visual Basic user or an experienced developer, this is the comprehensive guide to Visual Basic programming you need. Straight from the Microsoft Visual Basic product team, the

PROGRAMMER S GUIDE covers everything from programming fundamentals and Your First Visual Basic Program to optimizing and distributing your application documentation you can t get anywhere else in print form i *Compliance Handbook for Pharmaceuticals, Medical Devices, and Biologics* Carmen Medina,2003-12-09 This text lists the necessary steps for meeting compliance requirements during the drug development process It presents comprehensive approaches for validating analytical methods for pharmaceutical applications *Prima's Official Guide to Seagate Crystal Reports 7* ,1999

Network World ,1999-08-09 For more than 20 years Network World has been the premier provider of information intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations Readers are responsible for designing implementing and managing the voice data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce

### **Bibliography**

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Valentine Korah,1994 Report ,2008 **Developing Client/server Applications with Visual Basic 4** Dan Rahmel,Ron Rahmel,1996 This book provides people new to Client Server concepts and implementation a step by step guide to building applications in Visual Basic Specific implementation examples are provided including cutting edge technology such as WinSock distributed OLE Remote Access etc The CD contains all example code including executable versions of the applications custom controls and utilities *Government Reports Announcements & Index* ,1988

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**Guide to Crystal Reports Basic for Visual Studio 2008 for Beginners** Indera Murphy,2008 If you have been looking for a beginners book that has a lot of easy to understand step by step instructions and screen shots that show you how to complete and master Crystal Reports 2008 design techniques correctly this is the book for you The No Stress Tech Guide To Business Objects Crystal Reports 2008 For Beginners book is a self paced visual guide to learning Crystal Reports and is written from the perspective that the reader has not created a report before or has not used Crystal Reports This book is for the beginner and intermediate user To help you become familiar with the options and features this book contains over 500 illustrations that provide a visual tour of the software If you are looking for a book for Crystal Reports Basic for Visual Studio 2010 see ISBN 9781935208129 If you have used a previous version of Crystal Reports and only want to learn about the new features see ISBN 1 935208 01 2 *What s New in Crystal Reports 2008* **Energy Research Abstracts** ,1977 Semiannual with semiannual and annual indexes References to all scientific and technical literature coming from DOE its laboratories

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