

Delphi Developer Guide

Improve your Delphi programming skills by building robust applications for Android, iOS, and Windows platform Key FeaturesBuild responsive user interfaces (UIs) for desktop and mobile with FireMonkeyImplement a microservices architecture using the Rapid Application Development (RAD) serverCreate clones of popular applications like Instagram and Facebook using Delphi 10.3Book Description Delphi is a cross-platform programming language and software development kit that supports rapid application development for Microsoft Windows, Apple Mac OS X, Android, and iOS. With the help of seven practical projects, this book will guide you through the best practices, Delphi Run-Time Library (RTL) resources, and design patterns. Whether you use the Visual Component Library (VCL) or FireMonkey (FMX) framework, these design patterns will be implemented in the same way in Delphi, using Object Pascal. In the first few chapters, you will explore advanced features that will help you build rich applications using the same code base for both mobile and desktop projects. In addition to this, you'll learn how to implement microservice architecture in Delphi. As you get familiar with the various aspects of Delphi, you will no longer need to maintain source code for similar projects, program business rules on screens, or fill your forms with data access components. By the end of this book, you will have gained an understanding of the principles of clean code and become proficient in building robust and scalable applications in Delphi. What you will learnGet to grips with the advanced features of RTLUnderstand how to deal with the paradigm change between multiplatform projectsBuild rich interfaces with Google's Material Design featuresUnderstand how to implement design patterns in DelphiTurn a mobile device into a remote controller with app tethering technologyBuild a multi-database system using VCLWho this book is for This book is for developers, programmers, and IT professionals who want to learn the best market practices by implementing practical projects. Prior knowledge of the Delphi language is a must.

This book will give you a solid foundation for using ADO and ADOExpress. The authors have done a commendable job of introducing the basics, and following that up by providing examples to cement that knowledge. Dan Miser, Co-founder, DistribuCon.

0672324806.1d The definitive guide to the latest version of Borlands powerful C++Builder. Provides complete coverage of C++Builder Web Services development, now a key component of C++Builder. Borland C++Builder remains best in class IDE over the past 5 years for C++ solutions. Written by a team of top C++Builder experts with expertise in a variety of technical areas related to C++ application development. C++Builder 6 Developers Guide is revised for the latest version of C++Builder, the biggest update to C++Builder in years. C++Builder is an ANSI C++ IDE. The version 6 adds BizShape, a tool to build Web Services using XML/SOAP, .NET, and BizTalk from Microsoft, and SunONE from Sun Microsystems. Other new components include WebSnap for Web application development, DataSnap for database development, and CLX, which allows cross-platform development for Unix and Linux. The new NetCLX Internet components allow development of cross-platform applications with Apache, Microsoft IIS, and Netscape Web Server applications. C++Builder 6 Developers Guide continues as the definitive guide for Borlands C++Builder, providing a clear and concise reference for C++ developers. C++Builder Developers Guide is a unique combination of over 35 C++Builder experts from around the globe. This team brings hundreds of thousands of working hours in professional software development to the creation of this extensive work. Leading the team are Jarrod Hollingworth, Bob Swart, Mark Cashman. and Paul Gustavson. Jarrod is running Backslash (<http://www.backslash.com;au>), loping software applications for the Internet and key business sectors and working as a software development consultant. Bob (aka. Dr.Bob) is an internationally recognized UK Borland Connections member and an independent technical author, trainer, and consultant using C++Builder, Kylix, and Delphi based in The Netherlands. Mark Cashman is an independent C++ developer in the U.S. Paul Gustavson lives in Virginia and is a senior systems engineer for Synetics, Inc., a U.S.-based company providing knowledge management, systems engineering, and enterprise management services.

Delphi Developer's Guide to XML

Unleash the full potential of the FMX framework to build exciting cross-platform apps with Embarcadero Delphi

Object Pascal Language Guide

Delphi in Depth

Delphi Programming Projects

Developer's Guide

Create modern yet effective multi-platform applications by building interactive UIs following a single codebase approach to boost productivity Key FeaturesDelve into the FireMonkey framework and explore its powerful capabilitiesEnhance the user experience by using various technologies included in Delphi and FMXBoost developer productivity through the cross-platform capabilities enabled by the frameworkBook Description FireMonkey (FMX) is a cross-platform application framework that allows developers to create exciting user interfaces and deliver applications on multiple operating systems (OS). This book will help you learn visual programming with Delphi and FMX. Starting with an overview of the FMX framework, including a general discussion of the underlying philosophy and approach, you'll then move on to the fundamentals and architectural details of FMX. You'll also cover a significant comparison between Delphi and the Visual Component Library (VCL). Next, you'll focus on the main FMX components, data access/data binding, and style concepts, in addition to understanding how to deliver visually responsive UIs. To address modern application development, the book takes you through topics such as animations and effects, and provides you with a general introduction to parallel programming, specifically targeting UI-related aspects, including application responsiveness. Later, you'll explore the most important cross-platform services in the FMX framework, which are essential for delivering your application on multiple platforms while retaining the single codebase approach. Finally, you'll learn about FMX's built-in 3D functionalities. By the end of this book, you'll be familiar with the FMX framework and be able to build effective cross-platform apps. What you will learnExplore FMX's fundamental components with a brief comparison to VCLAchieve visual responsiveness through alignment capabilities and layout componentsEnrich the user experience with the help of transitions and visual animationsGet to grips with data access and visual data bindingBuild exciting and responsive UIs for desktop and mobile platformsUnderstand the importance of responsive applications using parallel

programming Create visual continuity through your applications with TFrameStand and TFormStand Explore the 3D functionalities offered by FMX Who this book is for This book is for Delphi developers who are looking to discover the full potential of the FireMonkey framework in order to build interactive cross-platform GUI applications and achieve an optimal UI/UX. Basic familiarity with Delphi programming and the VCL will be beneficial but not mandatory.

The authors explore, in depth, the latest information on the best ways to build efficient usable applications with Delphi 5.

Learn to rapidly build and deploy cross-platform applications from a single codebase with practical, real-world solutions using the mature Delphi 10.4 programming environment Key Features Implement Delphi's modern features to build professional-grade Windows, web, mobile, and IoT applications and powerful servers Become a Delphi code and project guru by learning best practices and techniques for cross-platform development Deploy your complete end-to-end application suite anywhere Book Description Delphi is a strongly typed, event-driven programming language with a rich ecosystem of frameworks and support tools. It comes with an extensive set of web and database libraries for rapid application development on desktop, mobile, and internet-enabled devices. This book will help you keep up with the latest IDE features and provide a sound foundation of project management and recent language enhancements to take your productivity to the next level. You'll discover how simple it is to support popular mobile device features such as sensors, cameras, and GPS. The book will help you feel comfortable working with FireMonkey and styles and incorporating 3D user interfaces in new ways. As you advance, you'll be able to build cross-platform solutions that not only look native but also take advantage of a wide array of device capabilities. You'll also learn how to use embedded databases, such as SQLite and InterBase ToGo, synchronizing them with your own custom backend servers or modules using the powerful RAD Server engine. The book concludes by sharing tips for testing and deploying your end-to-end application suite for a smooth user experience. By the end of this book, you'll be able to deliver modern enterprise applications using Delphi confidently. What you will learn Discover the latest enhancements in the Delphi IDE Overcome the barriers that hold you back from embracing cross-platform development Become fluent with FireMonkey controls, styles, LiveBindings, and 3D objects Build Delphi packages to extend RAD Server or modularize your applications Use FireDAC to get quick and direct access to any data Leverage IoT technologies such as Bluetooth and Beacons and learn how to put your app on a Raspberry Pi Enable remote apps with backend servers on Windows and Linux through REST APIs Develop modules for IIS and Apache web servers Who this book is for This book is for Delphi developers interested in expanding their skillset beyond Windows programming by creating professional-grade applications on multiple platforms, including Windows, Mac, iOS, Android, and back-office servers. You'll also find this book useful if you're a developer looking to upgrade your knowledge of Delphi to keep up with the latest changes and enhancements in this powerful toolset. Some Delphi programming experience is necessary to make the most out of this book.

Delphi Client/server Developer's Guide

Advantage Database Server

Delphi 2 Developer's Guide

For Windows 95 and Windows NT. Getting started

Buch

Delphi in Depth: FireDAC

Teaches the visual development methodology while at the same time presenting Delphi 32, Borland's 32-bit Windows 95 development t guidebook into the future of GUI application development for experienced individuals seeking an industrial-strength tool.

Provides coverage of the Delphi language and .NET development concepts, including memory management, Reflection, GDI+, and Web for

Become a developer superhero and build stunning cross-platform apps with Delphi About This Book A one-stop guide on Delphi to help y

platform apps This book covers important concepts such as the FireMonkey library, shows you how to interact with the Internet of Th

to integrate with Cloud services The code is explained in detail with observations on how to create native apps for Ios and Android wit

Who This Book Is For If you want to create stunning applications for mobile, desktop, the cloud, and the Internet of Things, then this b

book is for developers who would like to build native cross-platform apps with a single codebase for iOS and Android. A basic knowledg

assumed, although we do cover a primer on the language. What You Will Learn Understand the basics of Delphi and the FireMonkey app

as well as the specifics of Android and iOS platforms Complete complex apps quickly with access to platform features and APIs using a

maintain code base Work with local data sources, including embedded SQL databases, REST servers, and Backend-as-a-Service providers

advantage of mobile hardware capabilities by working with sensors and Internet of Things gadgets and devices Integrate with cloud ser

using REST APIs and scalable multi-tier frameworks for outstanding multi-user and social experience Architect and deploy powerful mob

services and get super-productive by leveraging Delphi IDE agile functionality Get to know the best practices for writing a high-quality,

maintainable codebase in the Delphi Object Pascal language In Detail Delphi is the most powerful Object Pascal IDE and component libra

platform native app development. It enables building natively compiled, blazingly fast apps for all major platforms including Android, iOS

and Linux. If you want to build server-side applications, create web services, and have clear GUIs for your project, then this book is for

begins with a basic primer on Delphi helping you get accustomed to the IDE and the Object Pascal language and will then quickly move

level concepts. Through this book, we'll help you understand the architecture of applications and will teach you the important concepts

library, show you how to build server-side services, and enable you to interact with the Internet of Things. Towards the end, you will le

app with various web services and deploy them. By the end of the book, you will be able to build powerful, cross-platform, native apps

with a single code base. Style and approach This book will help you build cross-platform mobile apps with Delphi using a step-by-step a

Tomes of Delphi

Developer's Guide to Delphi Troubleshooting

Delphi, a Developer's Guide

Delphi Developer's Guide

Borland Delphi for Windows

Showing Delphi developers how to implement client/server solutions with Borland's programming language, this book includes detailed discussion of using efficient database design to optimize applications for the area. It covers Delphi's advances features, such as multi-threading and cached updates.

"Delphi is one of the most popular client/server development environments currently available for the professional programmer. With its ease of use unparalleled by any other language and raw power unmatched by any comparable package on the market, there are few tools for the database programmer that come close to Delphi. Now the professional developer has a guide to all the capabilities of Delphi in one easy-to-follow volume. Delphi: A Developer's Guide gives you everything you need to build powerful programs quickly and easily with a minimum of development

time. Included in the book are detailed examples and sample programs covering topics from flat file I/O to data integrity and security. You'll learn how to build the kind of apps Delphi was designed to create - full featured database programs that stretch even Delphi to the limit. The CD-ROM includes all the code you build in the book and a set of third-party VCLs - custom controls you can use immediately in your own programs royalty free!"--BOOK JACKET.Title Summary field provided by Blackwell North America, Inc. All Rights Reserved

Use structural, behavioral, and concurrent patterns in Delphi to skillfully develop applications
 Key Features
 Delve into the core patterns and components of Delphi to enhance your application's design
 Learn how to select the right patterns to improve your program's efficiency and productivity
 Discover how parallel programming and memory management can optimize your code
 Book Description
 Delphi is a cross-platform Integrated Development Environment (IDE) that supports rapid application development for most operating systems, including Microsoft Windows, iOS, and now Linux with RAD Studio 10.2. If you know how to use the features of Delphi, you can easily create scalable applications in no time. This Learning Path begins by explaining how to find performance bottlenecks and apply the correct algorithm to fix them. You'll brush up on tricks, techniques, and best practices to solve common design and architectural challenges. Then, you'll see how to leverage external libraries to write better-performing programs. You'll also learn about the eight most important patterns that'll enable you to develop and improve the interface between items and harmonize shared memories within threads. As you progress, you'll also delve into improving the performance of your code and mastering cross-platform RTL improvements. By the end of this Learning Path, you'll be able to address common design problems and feel confident while building scalable projects. This Learning Path includes content from the following Packt products: Delphi High Performance by Primož Gabrijel?i?Hands-On Design Patterns with Delphi by Primož Gabrijel?i?What you will learn
 Understand parallel programming and work with the various tools included with Delphi
 Explore memory managers and their implementation
 Leverage external libraries to write better-performing programs
 Keep up to date with the latest additions and design techniques in Delphi
 Get to grips with various modern multithreading approaches
 Break a design problem down into its component parts
 Who this book is for
 This Learning Path is for intermediate-level Delphi programmers who want to build robust applications using Delphi features. Prior knowledge of Delphi is assumed.

A Developer's Guide

Expand your Delphi skills to build a new generation of Windows, web, mobile, and IoT applications

Delphi GUI Programming with FireMonkey

Delphi for .NET Developer's Guide

Borland Delphi 7

Delphi 4 Developer's Guide

Borland Delphi 6 Developer's Guide Sams Publishing

Delphi in Depth: FireDAC* Learn how to connect to a wide variety of databases* Optimize your connection configurations* Explore the world of indexes, searches, and filters* Discover the power of persisted datasets* Create flexible queries using macros and FireDAC scalar functions* Achieve blazing performance with Array DML* Master the art of cached updates* Add sophisticated features using Local SQL* Requires RAD Studio XE6 Professional or Delphi XE6 Professional or higher* Appropriate for novice to advanced Delphi database developers* More information is at <http://www.JensenDataSystems.com/firedacbook/>

A comprehensive reference to error messages in the Delphi development environment, this volume puts an emphasis on design-time errors, compile-time errors, and run-time errors. The CD-ROM includes the entire book in electronic form for easy reference.

Borland C++ Builder 6 Developer's Guide

Delphi Developer's Guide to OpenGL

Learn all about building fast, scalable, and high performing applications with Delphi

Delphi

Delphi 2

Delphi 3 Developer's Guide

With approximately 50% of the book's material applying to Delphi for Windows, this book teaches developers how to go full-throttle with Delphi--no matter which version they're using. The authors zero in on programming techniques that fully exploit Delphi's capabilities. Another title in the successful Wordware Tomes series targeted for advanced Delphi programmers and developers that provides state-of-the-art coverage of Delphi as a database development tool.

A comprehensive reference detailing all of Delphi's Client/Server capabilities, with in-depth discussion of local and remote servers, and potential server platforms. The CD-ROM contains useful tools and demo versions of Delphi and client/server related topics to help facilitate writing your own application.

Kylix Developer's Guide

Client/server Developer's Guide with Delphi 3

Delphi 6

The Tomes of Delphi

Mastering Delphi Programming: A Complete Reference Guide

Fearless Cross-Platform Development with Delphi

* Good coverage of C# as well as Delphi for .NET. * Not a port of a Delphi book – tightly focused on what's new which includes the FCL overview that you need to make sense of the Microsoft documentation. * Particularly clear and well-written.

This text is intended to capitalize on the trend towards GUI-based application development using visual programming tools, object-orientation, and the need for information technology to solve business problems.

Borland(r) Delphi 6 Developer's Guide is a new edition of the #1 best-selling Delphi book by authors Steve Teixeira and Xavier Pacheco. Steve and Xavier are of the winners of the Delphi Informant Reader's Choice Award for both Delphi 4 Developer's Guide and Delphi 5 Developer's Guide. Borland(r) Delphi 6 Developer's Guide is completely updated for Delphi 6 and includes in-depth coverage on Borland's new CLX architecture, DBExpress Applications, SOAP, CORBA, WebSnap and BizSnap features. It continues as a complete reference and authoritative guide to the newest version of Delphi.

Delphi Developer's Handbook

Build a range of exciting projects by exploring cross-platform development and microservices

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.NET 2.0 for Delphi Programmers

Win32 Database Developer's Guide

Borland Delphi 6 Developer's Guide

*"This fully-updated new edition includes coverage of all the new tools and features in version 2. You'll learn how to use the 32-bit integrated development environment that has won countless industry awards. You'll also get first-hand experience using the tools and controls that have made Delphi the choice of professionals everywhere. You'll learn how to create full-featured database programs that stretch even Delphi to the limit. The CD-ROM includes all the code you build in the book and a set of VCLs you can use immediately in your programs - royalty free!"--BOOK JACKET.*Title Summary field provided by Blackwell North America, Inc. All Rights Reserved
Learn the intricacies involved in developing robust database applications with Delphi. Since Delphi represents new ways of doing many database tasks, most developers, however experienced they might be with other tools, will need help getting up to speed developing database applications with Delphi.

With the launch of ADS 7.0, the authors can now satisfy the needs of this growing community with an official guide on ADS.

Client/Server Developer's Guide with Delphi

Database Application Developer's Guide

Borland Delphi 4 for Windows 95 and Windows NT

Delphi 5 Developer's Guide

Developer's Guide to Troubleshooting

Expert Delphi

The most authoritative work on one of the most exciting products from Borland in years-the first true Rapid Application Development tool available for Linux.

Delphi Developer's Guide to XML, 2nd Edition explains how to apply the power and flexibility of Delphi to XML, the Extensible Markup Language. This title is targeted at Delphi developers who want to use the power of XML in their applications. XML and related specifications (including XPath, XSL, XSLT, and XML Schema) are transforming the Internet and business-to-business (B2B) communications, defining a data format that is platform- and language-independent. Standardized access to XML documents is provided via the Document Object Model (DOM) and Simple API for XML (SAX) specifications. These XML processors allow more efficient handling of documents as well as the ability to move information between platforms such as Microsoft Windows and Unix.

"The bulk of the book is a complete ordered reference to the Delphi language set. Each reference item includes: the syntax, using standard code conventions; a description; a list of arguments, if any, accepted by the function or procedure; tips and tricks of usage - practical information on using the language feature in real programs; a brief example; and a cross-reference to related keywords."--Jacket.

Borland Delphi 6 for Windows Developer's Guide

Delphi in a Nutshell

Database Developer's Guide with Delphi 2

Advanced Delphi Developer's Guide to ADO

An alphabetical reference to almost 1,000 design-time, compile-time and run-time error messages that can be encountered while working with Borland's Delphi Object Pascal language.

"Delphi Developer's Handbook" lets programmers master the Delphi 95 language, making professional client/server programming and Rapid Application Development accessible to every reader who needs to master these skills. The CD includes the full source code and compiled executables of all of the examples in the book.

A comprehensive title targeted at experienced 32-bit Delphi programmers and developers in the use of the industry graphics standard library, OpenGL, which has become a standard for programming in the animation and computer game industries.