

Delphi Developers Guide

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Delphi GUI Programming with FireMonkey -
Andrea Magni 2020-10-29

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 learn

- Explore FMX's fundamental components with a brief comparison to VCL
- Achieve visual responsiveness through alignment capabilities and layout components
- Enrich the user experience with the help of transitions and visual animations
- Get to grips with data access and visual data binding
- Build exciting and responsive UIs for desktop and mobile platforms
- Understand 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.

Delphi Cookbook - Daniele Spinetti 2018-07-31
Quickly learn and employ practical recipes for developing real-world, cross-platform applications using Delphi. Key Features Get to grips with Delphi to build and deploy various cross-platform applications Design and deploy real-world apps by implementing a single source codebase Build robust and optimized GUI applications with ease Book Description Delphi is a cross-platform integrated development environment (IDE) that supports rapid application development on different platforms, saving you the pain of wandering amid GUI widget details or having to tackle inter-platform incompatibilities. Delphi Cookbook begins with the basics of Delphi and gets you acquainted with JSON format strings, XSLT transformations, Unicode encodings, and various types of streams. You'll then move on to more advanced topics such as developing higher-order functions and using enumerators and run-time type information (RTTI). As you make your way

through the chapters, you'll understand Delphi RTL functions, use FireMonkey in a VCL application, and cover topics such as multithreading, using a parallel programming library and deploying Delphi on a server. You'll take a look at the new feature of WebBroker Apache modules, join the mobile revolution with FireMonkey, and learn to build data-driven mobile user interfaces using the FireDAC database access framework. This book will also show you how to integrate your apps with Internet of Things (IoT). By the end of the book, you will have become proficient in Delphi by exploring its different aspects such as building cross-platforms and mobile applications, designing server-side programs, and integrating these programs with IoT. What you will learn Develop visually stunning applications using FireMonkey Deploy LiveBinding effectively with the right object-oriented programming (OOP) approach Create RESTful web services that run on Linux or Windows Build mobile apps that

read data from a remote server efficiently Call platform native API on Android and iOS for an unpublished API Manage software customization by making better use of an extended RTTI Integrate your application with IOT Who this book is for Delphi Cookbook is for intermediate developers with a basic knowledge of Delphi who want to discover and understand all the development possibilities offered by it.

Delphi Developer's Handbook - Marco Cantù
1998

"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.

Delphi 2 Developer's Guide - Xavier Pacheco
1996

Teaches the visual development methodology

while at the same time presenting Delphi 32, Borland's 32-bit Windows 95 development tool. It also acts as a guidebook into the future of GUI application development for experienced individuals seeking an industrial-strength tool.

Mastering Delphi 7 - Marco Cantù 2003-03-14
Still the Best Delphi Resource--Now Fully Updated and Expanded Whether you're new to Delphi or just making the move from an earlier version, Mastering Delphi 7 is the one resource you can't do without. Practical, tutorial-based coverage helps you master essential techniques in database, client-server, and Internet programming. And the insights of renowned authority Marco Cantù give you the necessary knowledge to take advantage of what's new to Delphi 7--particularly its support for .NET. Coverage includes: * Creating visual web applications with IntraWeb * Writing sockets-based applications with Indy * Creating data-aware controls and custom dataset components * Creating database applications using

ClientDataSet and dbExpress * Building client-server applications using InterBase * Interfacing with Microsoft's ADO * Programming for a multi-tiered application architecture * Taking advantage of Delphi's support for COM, OLE Automation, and COM+ * Taking advantage of Delphi's XML and SOAP support * Implementing Internet protocols in your Delphi app * Creating UML class diagrams using ModelMaker * Visually preparing reports using RAVE * Using the Delphi language to create your first .NET programs

Delphi 2007 Handbook - Marco Cantu 2007-09
The guide to what's new in Delphi 2007 for Win32, from the best-selling author of the Mastering Delphi series. Source code and more information on <http://www.marcocantu.com/dh2007>. The book covers changes in the CodeGear product, focusing on new features of the Delphi IDE, the Object Pascal languages, the RTL and VCL, the Vista support, the dbExpress architecture, and

much more.

Mastering Delphi 4 - Marco Cantù 1998
Introducing programmers to all of Delphi 4's new features and techniques, this reference explores secrets of the environment, the programming language, the custom components, and Windows 95 programming in general. The CD-ROM contains Delphi third party products, advanced debuggers, code optimization tools, and ready-to-use ActiveX examples.

.NET Framework Essentials - Thuan Thai 2003
This concise guide for experienced programmers and software architects is a complete no-nonsense overview of key elements and programming languages central to all .NET application development

Object Pascal Handbook Delphi 10.4 Sydney Edition - Marco Cantu 2021-03-03
The Object Pascal Handbook for Delphi 10.4 is the complete guide to the programming language of Delphi. The book covers Object Pascal from the foundations to the latest

extensions up to Delphi 10.4 Sydney and the author, Marco Cantu, is a well known Delphi guru, the author of dozens of Delphi books, and one of the Product Managers for RAD Studio at Embarcadero Technologies.

Delphi Programming Projects - William Duarte 2019-05-02

Improve your Delphi programming skills by building robust applications for Android, iOS, and Windows platform Key Features Build responsive user interfaces (UIs) for desktop and mobile with FireMonkey Implement a microservices architecture using the Rapid Application Development(RAD) server Create clones of popular applications like Instagram and Facebook using Delphi 10.3 Book 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 learn Get to grips with the advanced features of RTL Understand how to deal with the paradigm change between

multiplatform projects Build rich interfaces with Google's Material Design features Understand how to implement design patterns in Delphi Turn a mobile device into a remote controller with app tethering technology Build a multi-database system using VCL Who 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.

DelphiMVCFramework - the Official Guide - Daniele Teti 2021-09

Leverage the power of REST and JSON-RPC using the most popular framework for Delphi

C++ Builder 6 Developer's Guide - Satya Sai Kolachina 2002

Explains how to develop applications using C++ Builder, discussing topics including multi-tier application development, WebBroker and WebSnap architectures, and component libraries for cross-platform development.

Coding in Delphi - Nick Hodges 2017-07-14
Learn the fundamentals of Delphi to build a variety of solutions for many devices and platforms. Author Marco Breveglieri will provide you with an overview of Delphi, its principles, its environment, and its use of Object Pascal language so that you can harness its versatility. With Delphi, the power of Delphi is at your fingertips. This updated and expanded second edition of Book provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject . We hope you find this book useful in shaping your future career & Business.

[Delphi in Depth: FireDAC](#) - Cary Jensen

2017-05-10

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/>

[VB.Net Web Developer's Guide](#) - Syngress

2001-09-04

Visual Basic has long been the language of choice when designing Windows-based applications and the Web. Touted as both the most popular and productive computing

language, Visual Basic has amassed quite a following of devoted programmers, and is a sought after programming skill. With the introduction of .NET Enterprise, Microsoft launch VB.NET, offering a streamlined, simplified version of Visual Basic language. With increased power, scalability, functionality and reliability, VB.NET is positioned to be the most productive tool in a programmer's toolbox. VB.NET Developer's Guide is written for previous Visual Basic Programmers looking to harness the power of the new features and functionality incorporated in Visual Basic.NET. Timely coverage of newly released product which Visual Basic users will be eager to learn VB.NET Developer's Guide is one of the first comprehensive reference for programmers and developers anxious to learn about the new technology

Kylix Developer's Guide - Charles Calvert
2002

Delphi for Linux (Kylix) Development includes

three main themes. First, the book recognized that much of its audience will be Windows developers who need to understand basic Linux development strategies, so there will be information throughout the book offering insight on how to leverage Windows development knowledge to the Linux platform. There will be significant coverage of the tools and features of the Kylix environment, but the book assumes that readers will be familiar with RAD development tools generally. Finally, there is extensive coverage of how to apply the CLX library in building solid applications. The book will also discuss cross-platform development strategies.

Borland Delphi 6 Developer's Guide - Steve Teixeira 2002

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.

Fearless Cross-Platform Development with Delphi - David Cornelius 2021-10-22

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

anywhereBook 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 learnDiscover the latest enhancements in the Delphi IDEOvercome the barriers that hold you back from embracing cross-platform developmentBecome fluent with FireMonkey controls, styles, LiveBindings, and 3D objectsBuild Delphi packages to extend RAD Server or modularize your applicationsUse FireDAC to get quick and direct access to any dataLeverage IoT technologies such as Bluetooth and Beacons and learn how to put your app on a Raspberry PiEnable remote apps with backend servers on Windows and Linux through REST APIsDevelop modules for IIS and Apache web serversWho 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 XE2 Foundations - Chris Rolliston
2012-06-25

Provides a comprehensive guide to the language and core non-visual libraries of Embarcadero Delphi XE2, from basic language syntax to multithreading. Adopting an integrated approach, the book covers both newer and older features alongside one another; while it won't teach you how to program, it assumes little Delphi knowledge specifically. Includes coverage of XE2's support for Mac OS X. (Edition note: the printed version combines the three parts of the

eBook version, which is available separately.)
Borland C++ Builder 6 Developer's Guide - Bob Swart 2003
0672324806.lid 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 4 Bible - Tom Swan 1998-08-05

Write Dynamic Programs with Delphi Create a wide variety of powerful applications for Windows 95, 98, and NT platforms! Providing step-by-step instructions, expert tips, and over 100 sample applications, international bestselling author Tom Swan shows you how to take full advantage of Delphi 4's capabilities to develop software in different categories, including graphics, animation, database management, the Internet, and more. You Can Do It with Delphi 4 Explore Delphi's environment, visual components, and forms Create sleek user interfaces by using toolbars,

coolbars, and scroll panels Develop applications with the Windows clipboard, OLE, and DDE Master the techniques of Object Pascal string-handling, lists, file streams, and exceptions Generate application charts and reports with QuickReport and TeeChart component libraries Construct custom components and ActiveX controls Add the finishing touches to your application—debug, produce online help, and create dynamic link libraries CD-ROM features source code from over 100 sample applications in the book! www.idgbooks.com System Requirements: Windows 95, Windows 98, or Windows NT

Essential LINQ - Charlie Calvert 2009-03-12
“Charlie and Dinesh bring important skills to this project that enable them to show how LINQ works and the practical ways you can use it in your daily development process.” From the Foreword by Anders Hejlsberg LINQ is one of Microsoft’s most exciting, powerful new development technologies. *Essential LINQ* is the

first LINQ book written by leading members of Microsoft’s LINQ and C# teams. Writing for architects, developers, and development managers, these Microsoft insiders share their intimate understanding of LINQ, revealing new patterns and best practices for getting the most out of it. Calvert and Kulkarni begin by clearly explaining how LINQ resolves the long-time “impedance mismatch” between object-oriented code and relational databases. Next, they show how LINQ integrates querying into C# as a “first-class citizen.” Using realistic code examples, they show how LINQ provides a strongly typed, IntelliSense-aware technology for working with data from any source, including SQL databases, XML files, and generic data structures. Calvert and Kulkarni carefully explain LINQ’s transformative, composable, and declarative capabilities. By fully illuminating these three concepts, the authors allow developers to discover LINQ’s full power. In addition to covering core concepts and hands-on

LINQ development in C# with LINQ to Objects, LINQ to XML, LINQ to SQL, and LINQ to Entities, they also present advanced topics and new LINQ implementations developed by the LINQ community. This book • Explains the entire lifecycle of a LINQ project: design, development, debugging, and much more • Teaches LINQ from both a practical and theoretical perspective • Leverages C# language features that simplify LINQ development • Offers developers powerful LINQ query expressions to perform virtually any data-related task • Teaches how to query SQL databases for objects and how to modify those objects • Demonstrates effective use stored procedures and database functions with LINQ • Shows how to add business logic that reflects the specific requirements of your organization • Teaches developers to create, query, and transform XML data with LINQ • Shows how to transform object, relational, and XML data between each other • Offers best patterns and

practices for writing robust, easy-to-maintain LINQ code

Client/server Developer's Guide with Delphi 3 - Ken Henderson 1997-01-01

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 advanced features, such as multi-threading and cached updates.

Delphi Developer's Guide to OpenGL - Jon Q. Jacobs 1999

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.

Developer's Guide to Delphi Troubleshooting - Clay Shannon 1998-11

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.

Delphi Quick Syntax Reference - John Kouraklis
2020-08-05

The Delphi Quick Syntax Reference is a succinct code and syntax reference guide to Delphi. It presents the fundamental knowledge to get newcomers started with the language and provides a refresher to seasoned or returning Delphi developers. It covers all the new features added by Embarcadero during the last few years. Delphi celebrates 25 years in 2020 and, alongside the free community version that was introduced a couple of years ago, this syntax guide is a great way to get into the language. What You Will Learn Quickly use and learn Delphi Compile, build and run a Delphi program Master Delphi strings, variables, constants, and operators and how to apply them Use conditions,

loops, procedures, and functions in Delphi Apply object-oriented programming in Delphi Who This Book Is For Returning or current Delphi developers: The book is a resource for reference for this group of developers especially for the new features that were introduced in the language over the last couple of years.

Newcomers to the language: These developers will learn the fundamentals of the language in a very condensed and effective text that accelerates learning.

.NET 2.0 for Delphi Programmers - Jon Shemitz
2006-11-22

* 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.

Delphi 4 Developer's Guide - Xavier Pacheco
1998

This advanced-level reference shows developers

what they need to know most about Delphi 4. Topics covered include embedded links, special features and DLLs, including creating a Visual Component Library, advanced OOP and object Pascal.

Advanced Delphi Developer's Guide to ADO - Alex Fedorov 2000

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.

Mastering Delphi Programming: A Complete Reference Guide - Primož Gabrijelčič
2019-11-26

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 Gabrijelčič, *Hands-On Design Patterns with Delphi* by Primož Gabrijelčič. 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.

The Tomes of Kylix - Glenn Stephens 2001-12-01
This guide takes the Kylix developer through the core facets of Linux development from advanced file processing to Linux threading issues, including advanced Linux communication methods relative to the application programming interface.

Delphi for .NET Developer's Guide - Xavier Pacheco 2004

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

Delphi Developer's Guide to XML - Keith Wood 2001

This XML guide explains how to apply the power and flexibility of Delphi to XML, and provides a solid introduction to the technologies that make up XML and its related specifications.

[Expert Delphi](#) - Pawel Glowacki 2017-06-30

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

build cross-platform apps This book covers important concepts such as the FireMonkey library, shows you how to interact with the Internet of Things, and enables you to integrate with Cloud services The code is explained in detail with observations on how to create native apps for Ios and Android with a single code base Who This Book Is For If you want to create stunning applications for mobile, desktop, the cloud, and the Internet of Things, then this book is for you. This book is for developers who would like to build native cross-platform apps with a single codebase for iOS and Android. A basic knowledge of Delphi is assumed, although we do cover a primer on the language. What You Will Learn Understand the basics of Delphi and the FireMonkey application platform as well as the specifics of Android and iOS platforms Complete complex apps quickly with access to platform features and APIs using a single, easy-to-maintain code base Work with local data sources, including embedded SQL databases,

REST servers, and Backend-as-a-Service providers Take full advantage of mobile hardware capabilities by working with sensors and Internet of Things gadgets and devices Integrate with cloud services and data using REST APIs and scalable multi-tier frameworks for outstanding multi-user and social experience Architect and deploy powerful mobile back-end services and get super-productive by leveraging Delphi IDE agile functionality Get to know the best practices for writing a high-quality, reliable, and maintainable codebase in the Delphi Object Pascal language In Detail Delphi is the most powerful Object Pascal IDE and component library for cross-platform native app development. It enables building natively compiled, blazingly fast apps for all major platforms including Android, iOS, Windows, Mac, 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 you. The book begins with a basic primer on Delphi

helping you get accustomed to the IDE and the Object Pascal language and will then quickly move on to advanced-level concepts. Through this book, we'll help you understand the architecture of applications and will teach you the important concepts of the FireMonkey library, show you how to build server-side services, and enable you to interact with the Internet of Things. Towards the end, you will learn to integrate your 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 for iOS and Android 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 approach.

Tomes of Delphi - Clay Shannon 2001

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 5 Developer's Guide - Xavier Pacheco 2000

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

Software for Use - Larry L. Constantine 1999-04-07

In the quest for quality, software developers have long focused on improving the internal architecture of their products. Larry L. Constantine--who originally created structured design to effect such improvement--now joins with well-known consultant Lucy A. D. Lockwood to turn the focus of software development to the external architecture. In this book, they present the models and methods of a revolutionary approach to software that will help programmers deliver more usable software--software that will enable users to accomplish their tasks with greater ease and efficiency. Recognizing usability as the key to successful software, Constantine and Lockwood provide concrete

tools and techniques that programmers can employ to meet that end. Much more than just another set of rules for good user-interface design, this book guides readers through a systematic software development process. This process, called usage-centered design, weaves together two major threads in software development methods: use cases (also used with UML) and essential modeling. With numerous examples and case studies of both conventional and specialized software applications, the authors illustrate what has been shown in practice to work and what has proved to be of greatest practical value. Highlights Presents a streamlined process for developing highly usable software Describes practical methods and models successfully implemented in industry Complements modern development practices, including the Unified Process and other object-oriented software engineering approaches Advantage Database Server - Cary Jensen 2007 With the launch of ADS 7.0, the authors can now

satisfy the needs of this growing community with an official guide on ADS.

Delphi in a Nutshell - Ray Lischner 2000-03-16 "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.

MVVM in Delphi - John Kouraklis 2016-10-27 Dive into the world of MVVM, learn how to build modern Windows applications, and prepare for cross-platform development. This book introduces you to the right mindset and demonstrates suitable methodologies that allow for quick understanding of the MVVM paradigm. MVVM in Delphi shows you how to use a quick and efficient MVVM framework that allows for scalability, is of manageable complexity, and

provides strong efficiency. One of the biggest challenges developers face is how to convert legacy and monolithic Delphi applications to the MVVM architecture. This book takes you on a step-by-step journey and teaches you how to adapt an application to fit into the MVVM design. What You Will Learn Gain the fundamentals of MVVM Visualize MVVM as a design philosophy Create easy-to-use frameworks for building your own MVVM

applications Develop a methodology for converting legacy applications to the MVVM pattern Architect cross-platform and multi-lingual applications using the MVVM pattern Who This Book Is For Delphi developers with a good knowledge of Delphi or programming experience in a different language. In addition, this book is attractive to Delphi developers who want to modernize existing applications based on the MVVM design.