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# Delphi In Depth Firedac Book Online

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Delphi

Access 2016 Bible

Delphi Quick Syntax Reference

A Pocket Guide to the Delphi and Object Pascal Language

Recipes to master Delphi for IoT integrations, cross-platform, mobile and server-side development, 3rd Edition

Build fast Delphi applications using concurrency, parallel programming and memory management

Object Pascal Handbook Delphi 10.4 Sydney Edition

The Firebird Book

NoSQL Data Models

The Good Parts

From Novice to Professional

Coding in Delphi

Delphi in a Nutshell

Introducing Delphi ORM

Delphi Event-based and Asynchronous Programming

Mastering Delphi 4

Delphi in Depth: ClientDataSets 2nd Edition

Build applications using idiomatic, extensible, and concurrent design patterns in Delphi

Instant MongoDB

A Developer's Guide

Updated to 3.2.1-carbon

Delphi Complete Works of Paul Gauguin (Illustrated)

JBuilder Essentials

A Reference for Database Developers

Delphi in Depth: FireDAC

The Complete Guide to the Object Pascal Programming Language for Delphi 10.4 Sydney

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

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

Delphi High Performance

Advantage Database Server

More Coding in Delphi

Delphi GUI Programming with FireMonkey

Dependency Injection in Delphi

DelphiMVCFramework - the Official Guide

Delphi Cookbook

SQL Anywhere Studio 9 Developer's Guide

Programming Paradox for Windows

Borland C++ Builder 6 Developer's Guide

Mastering Delphi Programming: A Complete Reference Guide

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

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## JOVANY HINTON

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### **Delphi** AuthorHouse

The cleanest of the new Windows databases, Paradox for Windows was built from the ground up--not as a Windows version of Paradox for DOS. It features graphical tools for creating forms and reports, and a graphical data modeling tool for establishing relations between data tables. The innovative built-in language, ObjectPAL, is object-based and event driven, allowing developers to customize how objects respond to events. Includes hands-on exercises to clarify concepts and build skills for new programmers. Organized as a reference for advanced users.

### **Access 2016 Bible**

McGraw-Hill Osborne Media

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 Quick Syntax Reference Delphi Classics 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.

### **A Pocket Guide to the Delphi and Object Pascal Language**

Packt Publishing Ltd 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.

**Recipes to master Delphi for IoT integrations, cross-platform, mobile and server-side development, 3rd Edition** Sybex

Kylix is the first killer application for the Linux environment, which will allow Linux to truly

compete with Windows. Excellent timing--this developer's guide will be among the first on the market to this topic. Author is renowned in the Borland market. [Build fast Delphi applications using concurrency, parallel programming and memory management](#) Apress

Master database creation and management Access 2016 Bible is your, comprehensive reference to the world's most popular database management tool. With clear guidance toward everything from the basics to the advanced, this go-to reference helps you take advantage of everything Access 2016 has to offer. Whether you're new to Access or getting started with Access 2016, you'll find everything you need to know to create the database solution perfectly tailored to your needs, with expert guidance every step of the way. The companion website features all examples and databases used in the book, plus trial software and a special offer from Database Creations. Start from the beginning for a complete tutorial, or dip in and grab what you need when you

need it. Access enables database novices and programmers to store, organize, view, analyze, and share data, as well as build powerful, integrable, custom database solutions but databases can be complex, and difficult to navigate. This book helps you harness the power of the database with a solid understanding of their purpose, construction, and application. Understand database objects and design systems objects Build forms, create tables, manipulate datasheets, and add data validation Use Visual Basic automation and XML Data Access Page design Exchange data with other Office applications, including Word, Excel, and more From database fundamentals and terminology to XML and Web services, this book has everything you need to maximize Access 2016 and build the database you need.

[Object Pascal Handbook Delphi 10.4 Sydney Edition](#) Createspace Independent Publishing Platform Companion CD includes SQL Anywhere Studio 9 Developer Edition (for Windows), all the code from the examples and full BNF from the book in

HTML format!SQL Anywhere Studio 9 Developers Guide describes in detail how to administer and program SQL Anywhere, the leading relational database for mobile, distributed, and embedded applications. This book focuses on the various tasks performed during the life cycle of a typical database, such as creating tables and other schema objects, and inserting, selecting, updating, and deleting data. Additional topics include packaging SQL code into procedures, triggers, and events; distributing data across multiple databases using MobiLink; protecting the database from disaster; and tuning for performance.

### **The Firebird Book**

Apress  
Intended to refresh the basics of Delphi as well as advance your knowledge to the next level, it is assumed you will know RAD studio and the Object Pascal language. However, if you are not an experienced RAD studio programmer this accessible guide will still develop those initial crucial skills.

NoSQL Data Models Sybex Incorporated  
Get to grips with a new

technology, understand what it is and what it can do for you, and then get to work with the most important features and tasks. MongoDB Starter is a fast and practical guide designed to help you start developing high-performance and scalable applications using MongoDB. MongoDB Starter is ideal for developers who are new to MongoDB and who need a no-nonsense guide on how to start working with it. No knowledge of MongoDB is required to follow this book, but some knowledge of C++ would be helpful.

*The Good Parts* Delphi in Depth: FireDACDelphi 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/Delphi in Depth](http://www.JensenDataSystems.com/firedacbook/Delphi%20in%20Depth) 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

*From Novice to Professional* Packt Publishing Ltd

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.

**Coding in Delphi** Createspace Independent Publishing Platform

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 in a Nutshell**

Packt Publishing Ltd 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.

### *Introducing Delphi ORM*

Packt Publishing Ltd 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.

### **Delphi Event-based and Asynchronous**

**Programming** Apress 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.

#### **Mastering Delphi 4**

Thomson South-Western  
The topic of NoSQL  
databases has recently  
emerged, to face the Big  
Data challenge, namely  
the ever increasing  
volume of data to be  
handled. It is now  
recognized that relational  
databases are not  
appropriate in this  
context, implying that  
new database models and  
techniques are needed.  
This book presents recent  
research works, covering  
the following basic  
aspects: semantic data  
management, graph  
databases, and big data  
management in cloud  
environments. The  
chapters in this book  
report on research about  
the evolution of basic  
concepts such as data  
models, query languages,  
and new challenges  
regarding implementation  
issues.

#### **Delphi in Depth: ClientDataSets 2nd**

**Edition** John Wiley & Sons  
0672324806.Id 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.

Build applications using idiomatic, extensible, and concurrent design

patterns in Delphi Packt Publishing Ltd

www.delphiclassics.com

Instant MongoDB

Createspace Independent Publishing Platform

Memory management.

One of the most basic parts of software development, often kept on the side even though it has the most profound effect on how we write our code. Delphi provides a variety of types with their own memory management logic, as well as two sets of compilers that provide different memory management systems for classes. \* Classic Delphi compiler currently supported on Windows and OSX platforms - using manual memory management while providing ARC for certain types. \* Next generation ARC Delphi compiler supported on mobile Android and iOS platforms, as well as Linux - using full ARC - Automatic Reference Counting memory management system. Each memory management system has

its good and bad sides. Each offers solutions to some problems, but creates a whole range of other problems. And each requires slightly different coding patterns and practices. Knowing the strengths and weaknesses and understanding how memory management system(s) work goes hand-in-hand with writing clean, bug-free and maintainable code. Both compilers are covered in detail, as well as coding patterns required for writing cross-compiler code that must run under both. From manual memory management, to garbage collection, different memory management systems differ not only by the general category they fall in, but also by implementation. And all those fine implementation details also have a great impact on actual code. From the perspective of the everyday software development process discussing memory management is impossible without discussing its specific implementation in specific languages and toolsets.

#### **A Developer's Guide**

Packt Publishing Ltd

Most programming languages contain good and bad parts, but

JavaScript has more than its share of the bad, having been developed and released in a hurry before it could be refined. This authoritative book scrapes away these bad features to reveal a subset of JavaScript that's more reliable, readable, and maintainable than the language as a whole—a subset you can use to create truly extensible and efficient code. Considered the JavaScript expert by many people in the development community, author Douglas Crockford identifies the abundance of good ideas that make JavaScript an outstanding object-oriented programming language—ideas such as functions, loose typing, dynamic objects, and an expressive object literal notation. Unfortunately, these good ideas are mixed in with bad and downright awful ideas, like a programming model based on global variables. When Java applets failed, JavaScript became the language of the Web by default, making its popularity almost completely independent of its qualities as a programming language. In JavaScript: The Good Parts, Crockford finally digs through the steaming

pile of good intentions and blunders to give you a detailed look at all the genuinely elegant parts of JavaScript, including:  
Syntax Objects Functions  
Inheritance Arrays  
Regular expressions  
Methods Style Beautiful features  
The real beauty?  
As you move ahead with

the subset of JavaScript that this book presents, you'll also sidestep the need to unlearn all the bad parts. Of course, if you want to find out more about the bad parts and how to use them badly, simply consult any other JavaScript book. With JavaScript: The Good Parts, you'll discover a

beautiful, elegant, lightweight and highly expressive language that lets you create effective code, whether you're managing object libraries or just trying to get Ajax to run fast. If you develop sites or applications for the Web, this book is an absolute must.

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