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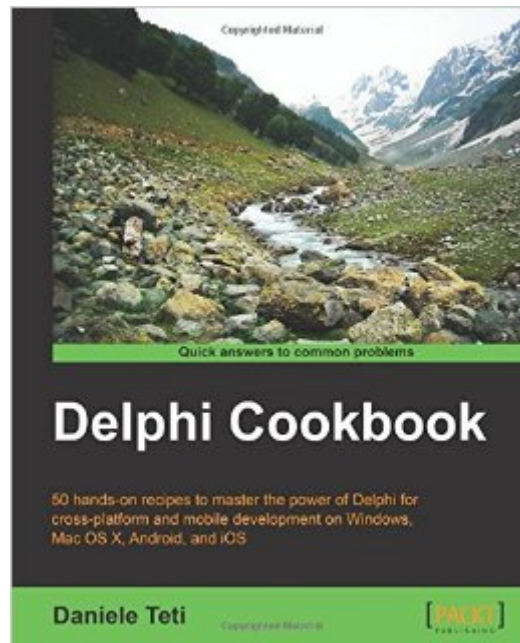
Delphi Cookbook

50 hands-on recipes to master the power of Delphi for cross-platform and mobile development on Windows, Mac OS X, Android, and iOS

Daniele Teti

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Synopsis

50 hands-on recipes to master the power of Delphi for cross-platform and mobile development on Windows, Mac OS X, Android, and iOSAbout This BookIncrease your Delphi productivity with this accessible and swift guideExplore vital and powerful features while developing mobile applications using DelphiFull of recipes and solutions identified from the everyday challenges faced by the author in his many years as a consultantWho This Book Is ForIntended 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.What You Will Learn Create visually stunning applications using FireMonkey Effectively use LiveBindings with the right OOP approach Create server-side programs to serve RESTful web services and provide data to your mobile apps Develop mobile apps using well-defined GUI design patterns for a great user experience Build efficient mobile apps that read data from a remote server Call the platform-native API on Android and iOS even for an unpublished API Use extended RTTI to better manage the software customization for your customer Leverage the most popular design patterns for a better design without wasting too much time debugging In DetailWith this book, you will gain valuable and practical knowledge of the latest functionalities of Delphi. Starting with the foundations, you will work on your VCL application, customize the TDBGrid, and configure your runtime class using RTTI. Going forward, you will build on this foundation and deploy FireMonkey to go cross-platform or even call FireMonkey from a VCL project, and you will fully understand how you can include Delphi on your server. Finally, you will use App Tethering, call Android and iOS SDK classes, and even use the Android TextToSpeech engine to add sounds to your phone! With this learning resource at your side, you will acquire all that a RAD Studio developer needs to know about Delphi in one complete, informative guide.

Book Information

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Customer Reviews

Before proceeding with my review, you may want to read this other review by Simon J Stuart which provides a good overview of what you can find in the book. I also received a review copy from the publisher, and Iâ ™m glad I requested one!Overall impressionThe book uses a great pattern, where a topic is introduced, code is shown to demonstrate it, explanations and observations about the technique are discussed, and suggestions for additional usage or other resources are provided. This â œexplore moreâ • section of the book may actually be its most valuable part, because Daniele provides specific links that point to good resources to use for each of the recipes covered.The code examples are useful and as concise as is reasonable.The order of the book is logical and does a good job of building on some of the previous recipes in later parts of the book:1.Delphi Basics2.Become a Delphi Language Ninja3.Going Cross-Platform with FireMonkey4.The Thousand Faces of Multithreading5.Putting Delphi on the Server6.Riding the Mobile Revolution with FireMonkey7.Using Specific (mobile) Platform FeaturesThis is a valuable book to keep handy for when you may need to implement any of the techniques it covers. In short, it is exactly what a â œcookbookâ • should be, with quick and reliable recipes to help you create a good solution for a technical issue.Some specificsFor example, thereâ ™s a great, short exploration for taking advantage of generics. Hidden in one of the discussed â œhigher orderâ • functions for generics (map, reduce/fold, filter) is something that deserves to be called out briefly in the book (although it is not).class function HigherOrder.

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