Dart By Example

By Davy Mitchell

Dart By Example By Davy Mitchell

Design and develop modern web applications with Google's bold and productive language through engaging example projects

About This Book

- Full of engaging and varied example projects to equip you to build your own web applications
- Learn the Dart language and key libraries
- Productively create fast and reliable web applications

Who This Book Is For

If you are a front- or back-end web developer who is looking to build complex full-featured web applications without the quagmire of disconnected JavaScript frameworks, this book is a practical walkthrough of substantial applications that will have you and your team coding Dart in a productive manner.

This book will give you a compiled, optional typed, scalable environment to rapidly develop applications. As Dart was designed to be familiar, any developer with even a small amount of knowledge of JavaScript or another programming language will be at home with the language immediately and will be coding quickly.

What You Will Learn

- Master the core Dart language, type system, and key development tools
- Connect to existing web services, process JSON, and create your own framework for the data display
- Run and debug the Dart server and web applications and compile them in JavaScript
- Handle form data and encryption
- Build and deploy server applications on the major OSes and implement the REST API
- Work with PostgreSQL?an industry standard relational database system
- Create robust applications with unit tests, documentation, and diagnostic

logging
- Develop command-line applications, and explore the key data structures and libraries

In Detail

Designed to create next generation apps, Google's Dart offers a much more robust framework and also supersedes JavaScript in several aspects. Familiar yet innovative, compact yet scalable, it blows away the accumulated JavaScript legacy limitations. Dart was designed for great tool-ability and developer productivity, allowing you to create better application faster than before. Google chose it for their billion dollar advertising business and you have its power for your projects too.

This book will introduce you the Dart language starting from its conception to its current form, and where it headed is through engaging substantial practical projects. You will be taken through building typical applications and exploring the exciting new technologies of HTML5.

With example code projects such as a live data monitoring and viewing system, a blogging system, a slides presentation application, and more, then this book will walk you through step by step through building data-driven web applications with ease and speed.

Style and approach

A varied collection of compelling practical Dart projects that are developed progressively with full explanations of concepts and implementation. Each project introduces features of the language and environment, demonstrating how Dart can be used in rich structured web applications.

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Editorial Review

About the Author

Davy Mitchell

Davy Mitchell is a software developer with over 17 years of commercial experience in many varied industries. He started out in the world of C++ and progressed through the dot-com boom to the Microsoft.com era and into .Net, SQL Server, and other web technologies. In the past few years, he has worked on software installation, continuous integration, build automation, and tooling, while also developing frontend interfaces. Davy is passionate about both developer productivity and moving web applications forward. He enjoys exploring new technologies, platforms, and open source, using Linux and Windows operating systems. He writes news, features, and book reviews on Dart at www.divingintodart.com, and demo projects that are shared on GitHub, covering HTML5 and even Minecraft. He regularly takes part in the week-long Python game jam, PyWeek, and maintains Chocolatey packages for Dart on the Windows platform. When taking a break from coding, he enjoys cycling, loom knitting, gardening, and retrogaming.

Users Review

From reader reviews:

Mary Gale:

Hey guys, do you desires to finds a new book to see? May be the book with the headline Dart By Example suitable to you? The particular book was written by popular writer in this era. The particular book untitled Dart By Exampleis a single of several books in which everyone read now. This specific book was inspired lots of people in the world. When you read this book you will enter the new way of measuring that you ever know previous to. The author explained their concept in the simple way, so all of people can easily to be aware of the core of this book. This book will give you a lot of information about this world now. In order to see the represented of the world within this book.

Georgianna Menendez:

Precisely why? Because this Dart By Example is an unordinary book that the inside of the book waiting for you to snap it but latter it will distress you with the secret the item inside. Reading this book adjacent to it was fantastic author who also write the book in such remarkable way makes the content within easier to understand, entertaining technique but still convey the meaning completely. So , it is good for you for not hesitating having this any more or you going to regret it. This unique book will give you a lot of benefits than the other book get such as help improving your skill and your critical thinking approach. So , still want to hesitate having that book? If I had been you I will go to the book store hurriedly.

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