Google Drive



Test-Driven iOS Development with Swift 3

Dr. Dominik Hauser

Download now

Click here if your download doesn"t start automatically

Test-Driven iOS Development with Swift 3

Dr. Dominik Hauser

Test-Driven iOS Development with Swift 3 Dr. Dominik Hauser

Key Features

- Learn test-driven principles to help you build apps with fewer bugs and better designs
- Become more efficient while working with Swift to move on to your next project faster!
- Implement all of the principles of test-driven development (TDD) in to your daily programming workflow

Book Description

Test-driven development (TDD) is a proven way to find software bugs early. Writing tests before your code improves the structure and maintainability of your apps. In combination with the improved syntax of Swift 3, there is no excuse or writing bad code.

This book will help you understand the process of TDD and how it impacts your apps written in Swift. Through a practical, real-world example app, you'll start seeing how to implement TDD in context. You will begin with an overview of the TDD workflow and then deep dive into unit testing concepts and code cycles. You will also plan and structure your test driven iOS app, and write tests to drive the development of the view controllers and the helper classes. Next, you'll learn how to write tests for network code, what CI is and how to set it up using Xcode Server.

Finally, the book will guide you through the next steps to become a testing expert by discussing integration tests, Behavior Driven Development (BDD), open source testing frameworks and UI Tests introduced in Xcode 8.

What you will learn

- Implement TDD in Swift application development
- Find bugs before you enter the code using the TDD approach
- Use TDD to build models, view controllers, and views
- Test network code with asynchronous tests and stubs
- Write code that is a joy to read and to maintain
- Develop functional tests to ensure the app works as planned
- Employ continuous integration to make testing and deployment easier

About the Author

Dr. Dominik Hauser completed his Ph.D. from the University of Heidelberg in Physics. While working as a university professor, he started iOS development in his spare time. His first app on Physics has been an astounding success worldwide. Since then, he turned himself into a full-time iOS developer, crediting number of successful apps to his name. He has been a Swift developer since day one and runs a blog on iOS development, www.swiftandpainless.com.

Table of Contents

1. Your First Unit Tests

2. Planning and Structuring Your Test-Driven iOS App
3. A Test-Driven Data Model
4. A Test-Driven View Controller
5. Testing Network Code
6. Putting It All Together
7. Code Coverage and Continuous Integration
8. Where to Go from Here

Download Test-Driven iOS Development with Swift 3 ...pdf

Read Online Test-Driven iOS Development with Swift 3 ...pdf

Download and Read Free Online Test-Driven iOS Development with Swift 3 Dr. Dominik Hauser

---

From reader reviews:

Joseph Tucker:

In this 21st one hundred year, people become competitive in every single way. By being competitive today, people have do something to make these individuals survives, being in the middle of the particular crowded place and notice by means of surrounding. One thing that at times many people have underestimated that for a while is reading. Yep, by reading a reserve your ability to survive increase then having chance to stand than other is high. For you personally who want to start reading a book, we give you this kind of Test-Driven iOS Development with Swift 3 book as nice and daily reading book. Why, because this book is greater than just a book.

Maria Hernandez:

Here thing why this specific Test-Driven iOS Development with Swift 3 are different and reputable to be yours. First of all examining a book is good but it really depends in the content than it which is the content is as tasty as food or not. Test-Driven iOS Development with Swift 3 giving you information deeper and different ways, you can find any reserve out there but there is no guide that similar with Test-Driven iOS Development with Swift 3. It gives you thrill looking at journey, its open up your current eyes about the thing that happened in the world which is probably can be happened around you. It is possible to bring everywhere like in park your car, café, or even in your approach home by train. In case you are having difficulties in bringing the published book maybe the form of Test-Driven iOS Development with Swift 3 in e-book can be your alternative.

Sunday Richey:

Now a day people that Living in the era just where everything reachable by talk with the internet and the resources inside can be true or not involve people to be aware of each information they get. How a lot more to be smart in having any information nowadays? Of course the reply is reading a book. Examining a book can help men and women out of this uncertainty Information particularly this Test-Driven iOS Development with Swift 3 book as this book offers you rich data and knowledge. Of course the details in this book hundred % guarantees there is no doubt in it you may already know.

James Snider:

Would you one of the book lovers? If yes, do you ever feeling doubt when you are in the book store? Try and pick one book that you find out the inside because don't ascertain book by its deal with may doesn't work is difficult job because you are scared that the inside maybe not as fantastic as in the outside search likes. Maybe you answer may be Test-Driven iOS Development with Swift 3 why because the fantastic cover that make you consider with regards to the content will not disappoint an individual. The inside or content is actually fantastic as the outside or maybe cover. Your reading 6th sense will directly direct you to pick up this book.

Download and Read Online Test-Driven iOS Development with Swift 3 Dr. Dominik Hauser #QE4WP1GO7XY

Read Test-Driven iOS Development with Swift 3 by Dr. Dominik Hauser for online ebook

Test-Driven iOS Development with Swift 3 by Dr. Dominik Hauser Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Test-Driven iOS Development with Swift 3 by Dr. Dominik Hauser books to read online.

Online Test-Driven iOS Development with Swift 3 by Dr. Dominik Hauser ebook PDF download

Test-Driven iOS Development with Swift 3 by Dr. Dominik Hauser Doc

Test-Driven iOS Development with Swift 3 by Dr. Dominik Hauser Mobipocket

Test-Driven iOS Development with Swift 3 by Dr. Dominik Hauser EPub