



# Test-Driven iOS Development with Swift

*Dr. Dominik Hauser*

Download now

[Click here](#) if your download doesn't start automatically

# Test-Driven iOS Development with Swift

*Dr. Dominik Hauser*

**Test-Driven iOS Development with Swift** 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!
- Learn how to incorporate 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 app.

Test-driven iOS Development with Swift will help you understand the process of TDD and how it impacts your applications written in Swift. Through practical, real-world examples, you'll start seeing how to implement TDD in context. We will begin with an overview of your TDD workflow and then deep-dive into unit testing concepts and code cycles. We will showcase the workings of functional tests, which will help you improve the user interface. Finally, you will learn about automating deployments and continuous integration to run an environment.

## What You Will Learn

- Implement TDD in swift application development
- Get to know the fundamentals, life cycle, and benefits of TDD
- Explore the tools and frameworks to effectively use TDD
- Develop models and controllers driven by tests
- Construct the network layer using stubs
- Use functional tests to ensure the app works as planned
- Automate and streamline the building, analysing, testing, and archiving of your iOS apps

## About the Author

**Dr. Dominik Hauser** completed his PhD in physics at Heidelberg University, Germany. 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's turned himself into a full-time iOS developer, crediting a number of successful apps to his name. He has been a Swift developer since day one and runs a blog on iOS development at <http://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 ...pdf](#)

 [Read Online Test-Driven iOS Development with Swift ...pdf](#)

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

---

### From reader reviews:

#### **Heather Goodson:**

Have you spare time for any day? What do you do when you have more or little spare time? Sure, you can choose the suitable activity with regard to spend your time. Any person spent their spare time to take a wander, shopping, or went to the Mall. How about open or even read a book entitled Test-Driven iOS Development with Swift? Maybe it is to be best activity for you. You know beside you can spend your time along with your favorite's book, you can smarter than before. Do you agree with it has the opinion or you have different opinion?

#### **Harold Baughman:**

This Test-Driven iOS Development with Swift book is just not ordinary book, you have after that it the world is in your hands. The benefit you obtain by reading this book will be information inside this e-book incredible fresh, you will get data which is getting deeper a person read a lot of information you will get. This Test-Driven iOS Development with Swift without we comprehend teach the one who reading through it become critical in thinking and analyzing. Don't become worry Test-Driven iOS Development with Swift can bring when you are and not make your case space or bookshelves' come to be full because you can have it inside your lovely laptop even cellphone. This Test-Driven iOS Development with Swift having good arrangement in word in addition to layout, so you will not experience uninterested in reading.

#### **Adelina Thompson:**

This Test-Driven iOS Development with Swift is great guide for you because the content that is full of information for you who else always deal with world and possess to make decision every minute. This book reveal it information accurately using great coordinate word or we can state no rambling sentences in it. So if you are read the idea hurriedly you can have whole data in it. Doesn't mean it only provides you with straight forward sentences but tough core information with attractive delivering sentences. Having Test-Driven iOS Development with Swift in your hand like getting the world in your arm, info in it is not ridiculous a single. We can say that no guide that offer you world inside ten or fifteen tiny right but this reserve already do that. So , this really is good reading book. Heya Mr. and Mrs. active do you still doubt that will?

#### **Randi Adams:**

The book untitled Test-Driven iOS Development with Swift contain a lot of information on that. The writer explains her idea with easy way. The language is very simple to implement all the people, so do not necessarily worry, you can easy to read the idea. The book was compiled by famous author. The author gives you in the new era of literary works. You can read this book because you can keep reading your smart phone, or model, so you can read the book inside anywhere and anytime. In a situation you wish to purchase the e-book, you can open up their official web-site along with order it. Have a nice study.

**Download and Read Online Test-Driven iOS Development with Swift Dr. Dominik Hauser #SN1HPF352IJ**

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

Test-Driven iOS Development with Swift 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 by Dr. Dominik Hauser books to read online.

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

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

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

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