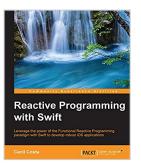
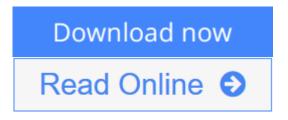
# **Reactive Programming with Swift**



By Cecil Costa



Reactive Programming with Swift By Cecil Costa

Leverage the power of the Functional Reactive Programming paradigm with Swift to develop robust iOS applications

# **About This Book**

- Build highly responsive applications with this practical introduction to Reactive programming
- This book uses ReactiveCocoa, the most popular solution for Reactive Programming on iOS to install, debug, and develop a framework with Swift
- Switch from the traditional programming style to the reactive paradigm to code your first reactive applications with ease

## Who This Book Is For

Reactive Programming with Swift is for Swift developers who want to start making more powerful and efficient applications. You need a basic understanding of Swift to follow along. This book takes a first-principles approach to what Reactive Programming is and how you can start implementing it in your next iOS applications.

# What You Will Learn

- Switch your programming concepts from imperative to Functional reactive programming
- Improve your app's maintenance by developing with a different paradigm
- Create unit tests and automation tests using the ReactiveCocoa framework
- Create clear code that is very easy to read
- Get accustomed to migrating mobile apps to the Reactive way of programming
- Perform asynchronous calls and join them later

# In Detail

Reactive programming helps you write applications that are more powerful and efficient. You can write more software, help more people, and create applications

that scale. Reactive programming is a growing paradigm that we will help you set to work in Swift.

Reactive Programming with Swift guides you through migrating from the traditional way of developing to the new ReactiveCocoa framework, which uses Swift as its main programming language. You will learn how to develop with this framework, debug code, create unit tests, use additional frameworks, and convert a traditional framework into a ReactiveCocoa one.

Starting with a crash course on the fundamental concepts of Reactive programming, we'll set you up so you're ready to create reactive applications. We'll then move on to topics such as Graphical events, Streaming, and Core data, which will help you dive deeper with advanced programming. The concept of switching your programming concepts from imperative to functional reactive programming will also be covered. By the end of this book, you will be able to successfully create highly functional apps using Swift.

## Style and approach

This book is a fast-paced, practical guide compiled with ample images and screenshots that explain how to create apps and demonstrate their logic.

**<u>Download</u>** Reactive Programming with Swift ...pdf

**<u>Read Online Reactive Programming with Swift ...pdf</u>** 

# **Reactive Programming with Swift**

By Cecil Costa

Reactive Programming with Swift By Cecil Costa

Leverage the power of the Functional Reactive Programming paradigm with Swift to develop robust iOS applications

## **About This Book**

- Build highly responsive applications with this practical introduction to Reactive programming
- This book uses ReactiveCocoa, the most popular solution for Reactive Programming on iOS to install, debug, and develop a framework with Swift
- Switch from the traditional programming style to the reactive paradigm to code your first reactive applications with ease

# Who This Book Is For

Reactive Programming with Swift is for Swift developers who want to start making more powerful and efficient applications. You need a basic understanding of Swift to follow along. This book takes a first-principles approach to what Reactive Programming is and how you can start implementing it in your next iOS applications.

# What You Will Learn

- Switch your programming concepts from imperative to Functional reactive programming
- Improve your app's maintenance by developing with a different paradigm
- Create unit tests and automation tests using the ReactiveCocoa framework
- Create clear code that is very easy to read
- Get accustomed to migrating mobile apps to the Reactive way of programming
- Perform asynchronous calls and join them later

## In Detail

Reactive programming helps you write applications that are more powerful and efficient. You can write more software, help more people, and create applications that scale. Reactive programming is a growing paradigm that we will help you set to work in Swift.

Reactive Programming with Swift guides you through migrating from the traditional way of developing to the new ReactiveCocoa framework, which uses Swift as its main programming language. You will learn how to develop with this framework, debug code, create unit tests, use additional frameworks, and convert a traditional framework into a ReactiveCocoa one.

Starting with a crash course on the fundamental concepts of Reactive programming, we'll set you up so you're ready to create reactive applications. We'll then move on to topics such as Graphical events, Streaming, and Core data, which will help you dive deeper with advanced programming. The concept of

switching your programming concepts from imperative to functional reactive programming will also be covered. By the end of this book, you will be able to successfully create highly functional apps using Swift.

## Style and approach

This book is a fast-paced, practical guide compiled with ample images and screenshots that explain how to create apps and demonstrate their logic.

## Reactive Programming with Swift By Cecil Costa Bibliography

- Rank: #1399687 in eBooks
- Published on: 2016-04-28
- Released on: 2016-04-28
- Format: Kindle eBook

**<u>Download</u>** Reactive Programming with Swift ...pdf

**Read Online** Reactive Programming with Swift ... pdf

## **Editorial Review**

#### About the Author

Cecil Costa Cecil Costa, also know as Eduardo Campos in Latin countries, is a Euro-Brazilian freelance developer who has been learning about computers since getting his first 286 in 1990. From then on, he kept learning about programming languages, computer architecture, and computer science theory. Learning and teaching are his passions; this is the reason why he worked as a trainer and an author. He has been giving onsite courses for companies such as Ericsson, Roche, TVE (a Spanish television channel), and lots of others. He is also the author of Swift Cookbook First Edition and Swift 2 Blueprints, both by Packt Publishing. He will soon publish an iOS 10 programming video course. Nowadays, Cecil Costa teaches through online platforms, helping people from across the world. In 2008, he founded his own company, Conglomo Limited (http://www.conglomo.es), which offers development and training programs both on-site and online. Throughout his professional career, he has created projects by himself and also worked for different companies from small to big ones, such as IBM, Qualcomm, Spanish Lottery, and DIA%. He develops a variety of computer languages (such as Swift, C++, Java, Objective-C, JavaScript, Python, and so on) in different environments (iOS, Android, Web, Mac OS X, Linux, Unity, and so on) because he thinks that a good developer needs to learn all kinds of programming languages to open their mind; only after this will they really understand what development is. Nowadays, Cecil is based in the UK, where he is progressing in his professional career as an iOS team lead.

## **Users Review**

#### From reader reviews:

#### **Ricky Streeter:**

Inside other case, little men and women like to read book Reactive Programming with Swift. You can choose the best book if you'd prefer reading a book. Given that we know about how is important the book Reactive Programming with Swift. You can add knowledge and of course you can around the world by a book. Absolutely right, due to the fact from book you can understand everything! From your country until eventually foreign or abroad you may be known. About simple factor until wonderful thing you are able to know that. In this era, we can open a book or maybe searching by internet unit. It is called e-book. You should use it when you feel weary to go to the library. Let's go through.

### **Anthony Tipton:**

Now a day people that Living in the era where everything reachable by talk with the internet and the resources inside it can be true or not demand people to be aware of each details they get. How many people to be smart in getting any information nowadays? Of course the solution is reading a book. Reading a book can help persons out of this uncertainty Information especially this Reactive Programming with Swift book as this book offers you rich info and knowledge. Of course the information in this book hundred % guarantees there is no doubt in it as you know.

#### Nancy Page:

Reading can called mind hangout, why? Because while you are reading a book specifically book entitled Reactive Programming with Swift your brain will drift away trough every dimension, wandering in every single aspect that maybe mysterious for but surely will end up your mind friends. Imaging each word written in a book then become one type conclusion and explanation this maybe you never get before. The Reactive Programming with Swift giving you yet another experience more than blown away the mind but also giving you useful data for your better life in this particular era. So now let us demonstrate the relaxing pattern the following is your body and mind will probably be pleased when you are finished looking at it, like winning a casino game. Do you want to try this extraordinary wasting spare time activity?

#### **Ralph Wood:**

This Reactive Programming with Swift is great publication 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 particular book reveal it data accurately using great organize word or we can state no rambling sentences in it. So if you are read it hurriedly you can have whole details in it. Doesn't mean it only provides you with straight forward sentences but hard core information with wonderful delivering sentences. Having Reactive Programming with Swift in your hand like finding the world in your arm, details in it is not ridiculous just one. We can say that no book that offer you world with ten or fifteen moment right but this reserve already do that. So , this is certainly good reading book. Hi Mr. and Mrs. occupied do you still doubt that?

# Download and Read Online Reactive Programming with Swift By Cecil Costa #WKQTBS3XOZD

# **Read Reactive Programming with Swift By Cecil Costa for online ebook**

Reactive Programming with Swift By Cecil Costa 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 Reactive Programming with Swift By Cecil Costa books to read online.

## Online Reactive Programming with Swift By Cecil Costa ebook PDF download

## **Reactive Programming with Swift By Cecil Costa Doc**

Reactive Programming with Swift By Cecil Costa Mobipocket

Reactive Programming with Swift By Cecil Costa EPub

WKQTBS3XOZD: Reactive Programming with Swift By Cecil Costa