



Swift for Programmers (Deitel Developer Series)

Paul Deitel, Harvey Deitel

Download now

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

Swift for Programmers (Deitel Developer Series)

Paul Deitel, Harvey Deitel

Swift for Programmers (Deitel Developer Series) Paul Deitel, Harvey Deitel

The professional programmer's Deitel® guide to Apple's new Swift programming language for the iOS® and OS X® platforms

ì

Written for programmers with a background in object-oriented programming in a C-based language like Objective-C, Java, C# or C++, this book applies the Deitel signature live-code approach with scores of complete, working, real-world programs to explore the new Swift language in depth. The code examples feature syntax shading, code highlighting, rich commenting, line-by-line code walkthroughs and live program outputs. The book features thousands of lines of proven Swift code, and tips that will help you build robust applications.

ì

Start with an introduction to Swift using an early classes and objects approach, then rapidly move on to more advanced topics. When you master the material, you'll be ready to build industrial-strength object-oriented Swift applications.

About This Book

ì

The Swift™ programming language was arguably the most significant announcement at Apple's 2014 Worldwide Developers Conference. Although apps can still be developed in Objective-C®, Apple says that Swift is its applications programming and systems programming language of the future.

ì

Swift is a contemporary language with simpler syntax than Objective-C. Because Swift is new, its designers were able to include popular programming language features from languages such as Objective-C, Java™, C#, Ruby, Python® and many others. These features include automatic reference counting (ARC), type inference, optionals, String interpolation, tuples, closures (lambdas), extensions, generics, operator overloading, functions with multiple return values, switch statement enhancements and more. We've been able to develop apps more quickly in Swift than with Objective-C and the code is shorter, clearer and runs faster on today's multi-core architectures.

ì

Swift also eliminates the possibility of many errors common in other languages, making your code more robust and secure. Some of these error-prevention features include no implicit conversions, ARC, no pointers, required braces around every control statement's body, assignment operators that do not return values, requiring initialization of all variables and constants before they're used, array bounds checking, automatic checking for overflow of integer calculations, and more. You can combine Swift and Objective-C in the same app to enhance existing Objective-C apps without having to rewrite all the code. Your apps will easily be able to interact with the Cocoa®/Cocoa Touch® frameworks, which are largely written in Objective-C.

ì

You can also use the new Xcode playgrounds with Swift. A playground is an Xcode window in which you can enter Swift code that compiles and executes as you type it. This allows you to see and hear your code's results as you write it, quickly find and fix errors, and conveniently experiment with features of Swift and the Cocoa/Cocoa Touch frameworks.

ì

Practical, Example-Rich Coverage of:

- Classes, Objects, Methods, Properties
- Initializers, Deinitializers, Bridging
- Tuples, Array and Dictionary Collections
- Structures, Enumerations, Closures, ARC
- Inheritance, Polymorphism, Protocols
- Type Methods, Type Properties
- Generics; Strings and Characters
- Operator Overloading, Operator Functions, Custom Operators, Subscripts
- Access Control; Type Casting and Checking
- Nested Types, Nested Methods
- Optionals, Optional Chaining, Extensions
- Xcode, Playgrounds, Intro to Cocoa Touch® with a Fully Coded iOS® 8 Tip Calculator App
- Overflow Operators, Attributes, Patterns
- More topics online

¿

IMPORTANT NOTE ABOUT XCODE AND SWIFT: With Xcode 6.3 and Swift 1.2, Apple introduced several changes in Swift that affect the book's source code. Please visit www.deitel.com/books/iOS8FP1 for updated source code. The changes do not affect Xcode 6.2 users. You can download Xcode 6.2 from developer.apple.com/downloads/index.action (you'll have to log in with your Apple developer account to see the list of downloads).

¿

Visit www.deitel.com

- Download code examples
- For information on Deitel's Dive Into® Series programming training courses delivered at organizations worldwide visit www.deitel.com/training or to deitel@deitel.com
- Join the Deitel social networking communities on Facebook® at facebook.com/DeitelFan, Twitter® at [@deitel](https://twitter.com/deitel), Google+™ at google.com/+DeitelFan, LinkedIn® at bit.ly/DeitelLinkedIn, YouTube™ at youtube.com/user/DeitelTV and subscribe to the Deitel® Buzz Online e-mail newsletter at www.deitel.com/newsletter/subscribe.html

¿

 [Download Swift for Programmers \(Deitel Developer Series\) ...pdf](#)

 [Read Online Swift for Programmers \(Deitel Developer Series\) ...pdf](#)

Download and Read Free Online Swift for Programmers (Deitel Developer Series) Paul Deitel, Harvey Deitel

From reader reviews:

Jacquelin Vasquez:

The publication untitled Swift for Programmers (Deitel Developer Series) is the e-book that recommended to you to study. You can see the quality of the book content that will be shown to an individual. The language that publisher use to explained their ideas are easily to understand. The copy writer was did a lot of study when write the book, and so the information that they share to you is absolutely accurate. You also will get the e-book of Swift for Programmers (Deitel Developer Series) from the publisher to make you more enjoy free time.

William Glover:

People live in this new morning of lifestyle always try and and must have the time or they will get large amount of stress from both way of life and work. So , once we ask do people have time, we will say absolutely without a doubt. People is human not really a robot. Then we request again, what kind of activity are there when the spare time coming to you actually of course your answer will certainly unlimited right. Then do you ever try this one, reading publications. It can be your alternative in spending your spare time, the particular book you have read is actually Swift for Programmers (Deitel Developer Series).

Brooke Fisher:

Are you kind of active person, only have 10 or perhaps 15 minute in your day to upgrading your mind ability or thinking skill perhaps analytical thinking? Then you are having problem with the book in comparison with can satisfy your short period of time to read it because pretty much everything time you only find e-book that need more time to be read. Swift for Programmers (Deitel Developer Series) can be your answer because it can be read by an individual who have those short extra time problems.

Lorna Dews:

Beside this specific Swift for Programmers (Deitel Developer Series) in your phone, it might give you a way to get more close to the new knowledge or details. The information and the knowledge you can got here is fresh from oven so don't be worry if you feel like an aged people live in narrow community. It is good thing to have Swift for Programmers (Deitel Developer Series) because this book offers for your requirements readable information. Do you often have book but you don't get what it's facts concerning. Oh come on, that would not happen if you have this within your hand. The Enjoyable blend here cannot be questionable, like treasuring beautiful island. So do you still want to miss this? Find this book in addition to read it from today!

**Download and Read Online Swift for Programmers (Deitel
Developer Series) Paul Deitel, Harvey Deitel #QC08MT6JPKH**

Read Swift for Programmers (Deitel Developer Series) by Paul Deitel, Harvey Deitel for online ebook

Swift for Programmers (Deitel Developer Series) by Paul Deitel, Harvey Deitel 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 Swift for Programmers (Deitel Developer Series) by Paul Deitel, Harvey Deitel books to read online.

Online Swift for Programmers (Deitel Developer Series) by Paul Deitel, Harvey Deitel ebook PDF download

Swift for Programmers (Deitel Developer Series) by Paul Deitel, Harvey Deitel Doc

Swift for Programmers (Deitel Developer Series) by Paul Deitel, Harvey Deitel Mobipocket

Swift for Programmers (Deitel Developer Series) by Paul Deitel, Harvey Deitel EPub