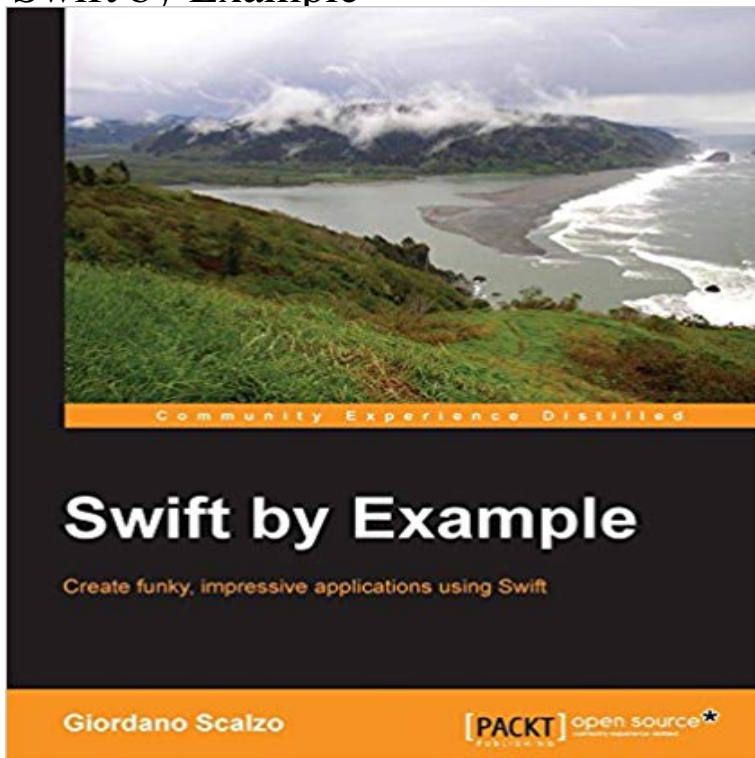


# Swift by Example



Create funky, impressive applications using Swift. About This Book Learn Swift language features quickly, with playgrounds and in-depth examples. Implement real iOS apps using Swift and CocoaPods. Create professional video games with SpriteKit, SceneKit, and Swift. Who This Book Is For This book is intended for those who want to learn to develop apps in Swift the right way. Whether you are an expert Objective-C programmer or new to this platform, you'll learn quickly, grasping the code of real-world apps to use Swift effectively. Prior experience in development for Apple devices would be helpful, but is not mandatory. What You Will Learn Explore the features of Swift. Connect to a server and parse JSON data. Take advantage of CocoaPods to use third-party libraries. Utilize a clean and effective architecture to decrease complexity and speed up development. Work with the most useful parts of the iOS SDK. Build video games with SpriteKit and SceneKit. Develop apps from start to finish. Implement a weather app using fake data. In Detail When Apple announced Swift at the WWDC, the iOS developer community became excited about the opportunities to improve the way in which they build iOS apps. Swift is a user-friendly language with a smooth learning curve; it is safe, robust, and flexible, and it introduces new ways to solve old problems. Swift by Example is a fast-paced, practical guide that shows you how to develop iOS apps using Swift. Through the development of six different apps, you'll learn how to use either the right feature of the language or the right tool to solve a given problem. By the end of the book you will be able to build well-designed apps, effectively use AutoLayout, and develop a video game.

**Swift by example - optionals** Editorial Reviews. About the Author. Giordano Scalzo. Giordano Scalzo is a developer with 20 Buy Swift 2 By Example: Read 2 Books Reviews - . **Swift by example** Swift by example for loops. # Half-Closed range operator. Defines a range that doesn't include the last number. for index in 1..**Swift by example** - if else import Foundation. Type inference FTW. var strings = [a, b, c]. Declare the type of contained elements. var strings2: [String] = [d, e, f]. Declare an empty **Swift by example** - generics Mar 23, 2016 Where can I find good Swift Tutorials? Right here! We present a collection of best handpicked Swift tutorials to help you build killer iOS and Swift by example - strings Swift by Example teaches you the Swift programming language using annotated example programs. func simple() { print(hi) } simple() // hi. Parameter types and the return type must be specified. func plus(a: Int, b: Int) ->Int { return a + b } func sum(numbers: **Swift by example** - functions The introduction of Swift during the WWDC 2014 surprised the entire community of iOS Whether you are part of the first or second group, **Swift by Example** will **Swift by example** - variables Lister - A Productivity App Built in Swift () (github.com) Swift Example - A small iOS app to demonstrate the use of Learn **Swift by example** - Part 1: Structs Make School **Swift by example** - dictionaries Feb 8, 2015 We will start this series by discussing the concept of structs in Swift. As always we like to teach by example so you will be working with **Swift by example** - arrays **Swift by example**. Hello World Values Variables Constants Strings For Loops If/Else Switch Arrays Dictionaries Tuples Optionals Functions none import Foundation. # Bitwise Operators. var a: UInt8 = 0b00001111 var b: UInt8 = 0b11110000. NOT, print(~a == b) // true. AND, print(a & b == 0) // true. OR **Swift by example** - classes Swifts way of representing strings as encoding-independent. Unicode characters means that programmers don't have to worry. as much about encoding issues **Swift by example** - type casting Mar 14, 2016 Create robust and extensible iOS apps using the advanced features of Swift 2. **Swift by example** - generators import Foundation. GeneratorType is a type of SequenceType . In order to conform, set the Element. typealias and implement the next. method. Learn Swift - Tutorials, Code Samples, References and more! var letters = (a, b). Decomposing. let (first, second) = letters print(first) // a print(second) // b. Underscore to ignore, just like Go. var (a, \_) = letters print(a) // a. **Swift by example** - hello world Buy Swift by Example on ? FREE SHIPPING on qualified orders. Swift 2 By Example PACKT Books - Packt Publishing Strings can be added with +, print(swift + lang) // swiftlang print(1 + 1) // 2. Casting an Int to a String, print(1+1 = + String(1 + 1)) // 1+1 = 2 print(7.0 / 3.0) Learn **Swift by Example** Make School import Foundation var emptyDictionary = Dictionary(). Shorthand sugar for the same thing. var anotherEmptyDict = [String:Float]() . Type inference **Swift by example** - values class Genre { var name: String init(name: String) { = name } } class Classical : Genre { } class Pop : Genre { } var collection = [ Pop(name: Hard Days **Swift by example** - advanced operators import Foundation. Generic functions can operate on any type. Type parameters specify a placeholder type. in brackets after the function name. Thereafter, that **Swift by example** - for loops import Foundation. As an alternative to multiple return values (Go). Or Exceptions (every other language). Optionals are used to handle failure cases when. **Swift by Example**: Giordano Scalzo: 9781785284700: **Swift by example** - structures Structs are copy by value, can't inherit, but can. conform to protocols, struct Work { var location = var units = [String]() let length: Int func last() -> String { return **Swift by example** - tuples Learn Swift by Example. June 16, 2014. 1. Sample project: RedditSwift Build a Minesweeper game app using Swift & Xcodes Storyboard Interface Builder. : Swift 2 By Example eBook: Giordano Scalzo: Kindle AKA Interfaces in other languages: abstract properties and methods that. concrete classes implement. import Foundation protocol Image { // Protocol defines only **Swift by example** - switch import Foundation class Example { var a = 0 var b: String init(a: Int) { // Constructor self.a = a b = name // An error if a declared property isn't initialized } }. **Swift by example** - protocols let i = 7 switch i { case 1: print(one) case 2: print(two) case 3, 4: // Comma-separate multiple expressions in the same case statement. print(three or four) case 10+ Best Swift Tutorials with Examples for Apple Developers let num = 9. Pares are optional. if (num < 0) { print(num is negative) } else if num < 10 { print(num is single-digit) // num is single-digit } else { print(num is