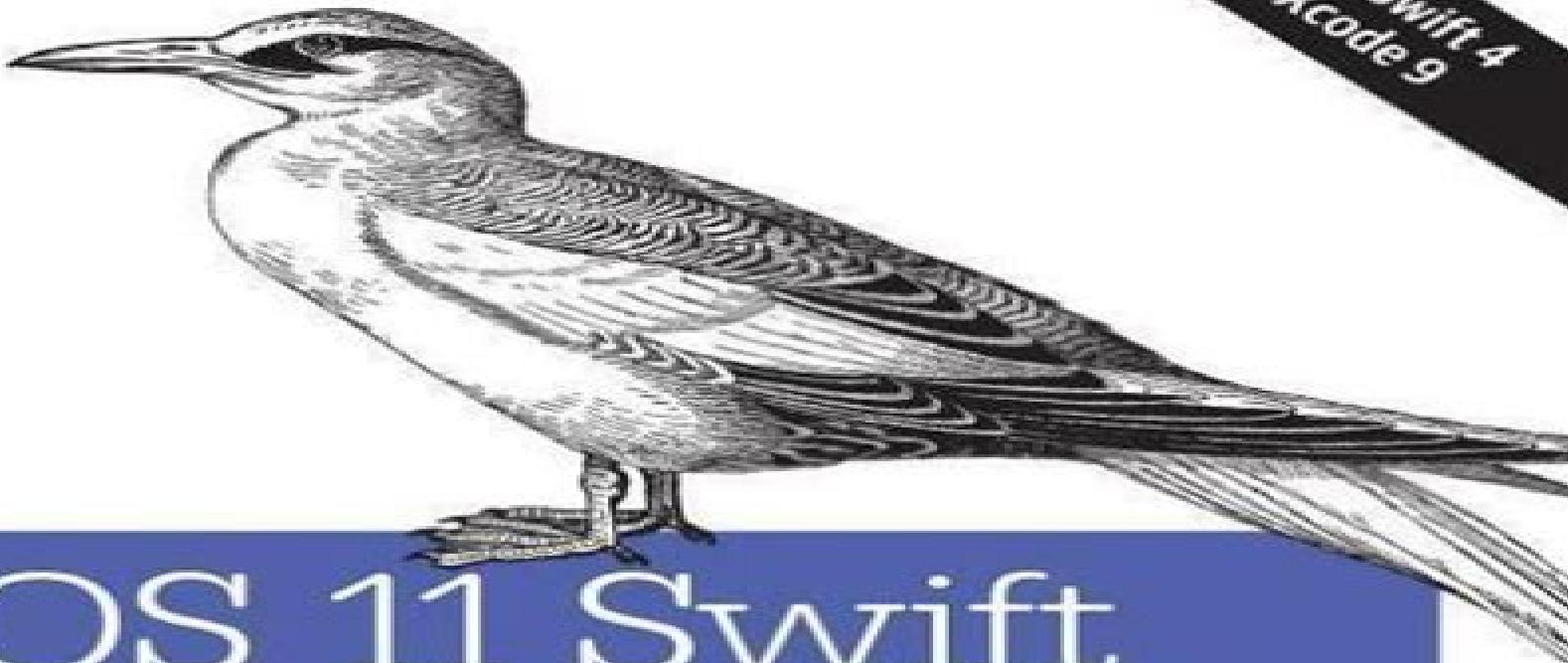


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Covers Swift 4
and Xcode 9



iOS 11 Swift Programming Cookbook

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Vandad Nahavandipoor, 2017-12-06 iOS 11 Swift 4 and Xcode 9 provide many new APIs for iOS developers With this cookbook you'll learn more than 170 proven solutions for tackling the latest features in iOS 11 and watchOS 4 including new ways to use Swift and Xcode to make your day to day app development life easier This collection of code rich recipes also gets you up to speed on continuous delivery and continuous integration systems Ideal for intermediate and advanced iOS developers looking to work with the newest version of iOS these recipes include reusable code on GitHub so you can put them to work in your project right away Among the topics covered in this book New features in Swift 4 and Xcode 9 Tools for continuous delivery and continuous integration Snapshot testing and test automation Creating document based applications Updated Map view and Core Location features iOS 11's Security and Password Autofill Data storage with Apple's Core Data Creating lively user interfaces with UI Dynamics Building iMessage applications and sticker packages Integrating Siri into your apps with Siri Kit Creating fascinating apps for Apple Watch

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Vandad Nahavandipoor, 2014-11-10 Entirely rewritten for Apple's Swift programming language this updated cookbook helps you overcome the vexing issues you're likely to face when creating apps for iOS devices You'll find hundreds of new and revised recipes for using the iOS 8 SDK including techniques for working with Health data and HomeKit accessories enhancing and animating graphics storing and protecting data sending and receiving notifications and managing files and folders among them Each recipe includes sample code on GitHub that you can use right away Use CloudKit APIs to store information in the cloud with ease Create custom keyboards and extensions Access users health related information with HealthKit Interact with accessories inside the user's home with HomeKit Create vibrant and lifelike user interfaces with UIKit Dynamics Use the Keychain to protect your app's data Develop location aware and multitasking aware apps Work with iOS 8's audio and video APIs Use Event Kit UI to manage calendars dates and events Take advantage of the accelerometer and the gyroscope Get working examples for implementing gesture recognizers Retrieve and manipulate contacts and groups from the Address Book Determine a camera's availability and access the Photo Library

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Keith Moon, 2017-09-28 Over 50 recipes to help you quickly and efficiently build applications with Swift 4 and Xcode 9 About This Book Write robust and efficient code and avoid common pitfalls using Swift 4 Get a comprehensive coverage of the tools and techniques needed to create multi platform apps with Swift 4 Packed with easy to follow recipes this book will help you develop code using the latest version of Swift Who This Book Is For If you are looking for a book to help you learn about the diverse features offered by Swift 4 along with tips and tricks to efficiently

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IOS 9 Programming Fundamentals with Swift

Matt Neuburg,2015-09-28 And Conclusion Chapter 2 Functions Function Parameters and Return Value Void Return Type and Parameters Function Signature External Parameter Names Overloading Default Parameter Values Variadic Parameters Ignored Parameters Modifiable Parameters Function In Function Recursion Function As Value Anonymous Functions Define and Call Closures How Closures Improve Code Function Returning Function Closure Setting a Captured Variable Closure Preserving Its Captured Environment Curried Functions Chapter 3 Variables and Simple Types Variable Scope and Lifetime

iOS Programming Cookbook Hossam Ghareeb,2017-03-31 Over 50 exciting and powerful recipes to help you unearth the promise of iOS programming About This Book Create high performance iOS apps with a focus on application development APIs and techniques Enrich your UI skills with UIStoryboard Autolayout Size classes and Container view Produce enhanced results with iOS 10 as a result of learning and implementing pro level practices techniques and solutions Who This Book Is For If you are an iOS developer on a quest to develop your perfect iOS app then this book is for you It would also prove to be a valuable resource for those who want to get up and running with iOS development through a clear practical approach In order to unleash the full potential of this book basic Swift programming knowledge is necessary What You Will Learn Build

your own custom `UIViews` through code or the interface builder Implement a dynamic and interactive interface in an iOS app Work on various graphics related elements and the process of using them together to make meaningful shapes Use the side over and split view to interact with multiple apps concurrently Encrypt JSON calls to make the app more secure Work on web markup feature to enhance search optimization In Detail Do you want to understand all the facets of iOS programming and build complex iOS apps Then you have come to the right place This problem solution guide will help you to eliminate expensive learning curves and focus on specific issues to make you proficient at tasks and the speed up time involved Beginning with some advanced UI components such as Stack Views and `UICollectionView` you will gradually move on to building an interface efficiently You will work through adding gesture recognizer and touch elements on table cells for custom actions You will work with the Photos framework to access and manipulate photos You will then prepare your app for multitasking and write responsive and highly efficient apps Next you will integrate maps and core location services while making your app more secure through various encryption methods Finally you will dive deep into the advanced techniques of implementing notifications while working with memory management and optimizing the performance of your apps By the end of the book you will master most of the latest iOS 10 frameworks Style and approach This is the best practical resource on iOS 10 development This book with its no nonsense approach and a clear practical focus will be your best friend on your quest to develop your perfect iOS app The best thing about this book is that in addition to recipes on iOS programming techniques and app development essentials it will take you on a complete guided tour of all the new app development APIs that are shipped with iOS 10

Swift Cookbook Keith Moon,Chris Barker,Daniel Bolella,Nathan Lawlor,2024-06-07

Explore the latest features in Swift with the most experienced iOS developers and build feature rich reliable iOS native apps with proven industry standard recipes modern design techniques and strategies beyond the official documentation Key Features Harness the power of Swift to create stunning applications spanning mobile apps to machine learning models Learn and practice the flexible Swift programming language with a practical recipe based approach Leverage highly tested recipes that any Swift developer can follow in this part color guide Book DescriptionUnlock the full potential of Swift and elevate your iOS development skills with this new edition of Swift Cookbook highlighting the latest features in Swift 5.9 This cookbook will take your Swift programming skills to the next level boosting your productivity and efficiency step by step through a plethora of practical recipes Although this book is primarily for experienced iOS developers it provides an introductory overview of Swift 5.9 including its basic building blocks syntax and the functionalities of Swift constructs to get you warmed up Once you've mastered the fundamentals you'll get down to business Unless you're completely new to Swift this recipe based guide doesn't need to be read in order you can jump to whichever topic takes your fancy from UIKit and SwiftUI to advanced UI techniques from Swift's control flow and generics to machine learning with Vision CoreML and augmented reality with ARKit By the end of this book you'll be fully up to speed with Swift's capabilities and be able to develop amazing applications across

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[Swift Cookbook](#) Cecil Costa, 2015-04-30 If you are an experienced Objective C programmer and are looking for quick solutions to many different coding tasks in Swift then this book is for you. You are expected to have development experience

though not necessarily with Swift *iOS Development with Swift* Craig Grummitt,2017-11-13 Summary iOS Development with Swift is a hands on guide to creating apps for iPhone and iPad using the Swift language Inside you ll be guided through every step of the process for building an app from first idea to App Store This book fully covers Swift 4 Xcode 9 and iOS 1 Our video course iOS Development with Swift in Motion is the perfect companion to this book featuring even more projects and examples for you to dig into in the exciting world of iOS development Find out more at our website www.manning.com/livevideo/ios-development-with-swift.html Purchase of the print book includes a free eBook in PDF Kindle and ePUB formats from Manning Publications About the Technology One billion iPhone users are waiting for the next amazing app It s time for you to build it Apple s Swift language makes iOS development easier than ever offering modern language features seamless integration with all iOS libraries and the top notch Xcode development environment And with this book you ll get started fast About the Book iOS Development with Swift is a hands on guide to creating iOS apps It takes you through the experience of building an app from idea to App Store After setting up your dev environment you ll learn the basics by experimenting in Swift playgrounds Then you ll build a simple app layout adding features like animations and UI widgets Along the way you ll retrieve format and display data interact with the camera and other device features and touch on cloud and networking basics What s Inside Create adaptive layouts Store and manage data Learn to write and debug Swift code Publish to the App Store Covers Swift 4 Xcode 9 and iOS 11 About the Reader Written for intermediate web or mobile developers No prior experience with Swift assumed About the Author Craig Grummitt is a successful developer instructor and mentor His iOS apps have had over 100 000 downloads combined Table of Contents PART 1 INTRODUCING XCODE AND SWIFT Your first iOS application Introduction to Swift playgrounds Swift objects PART 2 BUILDING YOUR INTERFACE View controllers views and outlets User interaction Adaptive layout More adaptive layout Keyboard notifications animation and scrolling PART 3 BUILDING YOUR APP Tables and navigation Collections searching sorting and tab bars Local data persistence Data persistence in iCloud Graphics and media Networking Debugging and testing PART 4 FINALIZING YOUR APP Distributing your app What s next *iOS 9 Programming Fundamentals with Swift* Matt Neuburg,2015 Move into iOS development by getting a firm grasp of its fundamentals including the Xcode IDE the Cocoa Touch framework and Swift 2 0 u2014 the latest version of Apple s acclaimed programming language With this thoroughly updated guide you ll learn Swift u2019 s object oriented concepts understand how to use Apple s development tools and discover how Cocoa provides the underlying functionality iOS apps need to have Explore Swift u2019 s object oriented concepts variables and functions scopes and namespaces object types and instances Become familiar with built in Swift types such as numbers strings ranges tuples Optionals arrays dictionaries and sets Learn how to declare instantiate and customize Swift object types u2014 enums structs and classes Discover powerful Swift features such as protocols and generics Catch up on Swift 2 0 innovations option sets protocol extensions error handling guard statements availability checks and more Tour the lifecycle of an Xcode project from

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iOS Swift Game Development Cookbook Jonathon Manning,Paris Buttfield-Addison,2018-10-02 Ready to make amazing games for the iPhone and iPad With Apple s Swift programming language it s never been easier This updated cookbook provides detailed recipes for managing a wide range of common iOS game development issues ranging from 2D and 3D math SpriteKit and OpenGL to augmented reality with ARKit You get simple direct solutions to common problems found in iOS game programming Need to figure out how to give objects physical motion or want a refresher on gaming related math problems This book provides sample projects and straightforward answers All you need to get started is some familiarity with iOS development in Swift

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