

5TH EDITION

iOS Programming

THE BIG NERD RANCH GUIDE

Christian Keur and Aaron Hillegass

Ios Programming The Big Nerd Ranch Big Nerd Ranch S

Joe Conway, Aaron Hillegass



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iOS Programming Joe Conway, Aaron Hillegass, 2011-06-22 In this book the world's leading Apple platform development trainers offer a complete practical hands on introduction to iPhone and iPad programming The authors walk through all the Apple tools and technologies needed to build successful iPhone iPad iPod touch apps including the iOS 4.3 SDK the Objective C language Xcode 4 Foundation framework and the classes that make up the iOS UI framework The many topics covered in this book include Easily setting up elegant efficient user interfaces with UIKit Creating effective visuals animation and effects with Core Graphics and Core Animation Making the most of the iOS multi touch event handling and accelerometer data Building location aware iOS applications utilizing Core Location and MapKit Localizing applications for international use Creating applications that capture audio and play media Storing data in files or with Core Data New chapters added to this edition include iPad friendly interfaces including UIPopoverController and UISplitViewController Blocks and Categories Instruments and Xcode's static analyzer UIWebView and connecting with web servers Push Notifications iOS Programming also includes a handy Xcode Quick Reference Card that lists Xcode 4's most commonly used keyboard shortcuts

iOS Programming Christian Keur, Aaron Hillegass, 2017-07-16 iOS is for developers looking to step into the sometimes frightening world of iPhone and iPad app development Written as the companion to Objective C this e book guides you from creating a simple single page application to managing assets in a complex multi scene application Advanced features such as localizing application UI and working with the Audio Toolbox and AVAudioPlayer frameworks are also covered If you're looking for the fastest way to get up and running with iOS development forget about the 1 500 pages of documentation in the iOS Developer Library This is the only resource you need This updated and expanded second edition of Book provides a user friendly introduction to the subject Taking a clear structural framework it guides the reader through the subject's core elements A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts This succinct and enlightening overview is a required reading for all those interested in the subject We hope you find this book useful in shaping your future career Business

iPhone Programming Aaron Hillegass, Joe Conway, 2010-04-13 Based on Big Nerd Ranch's popular iPhone Bootcamp class iPhone Programming The Big Nerd Ranch Guide leads you through the essential tools and techniques for developing applications for the iPhone iPad and iPod Touch In each chapter you will learn programming concepts and apply them immediately as you build an application or enhance one from a previous chapter These applications have been carefully designed and tested to teach the associated concepts and to provide practice working with the standard development tools Xcode Interface Builder and Instruments The guide's learn while doing approach delivers the practical knowledge and experience you need to design and build real world applications Here are some of the topics covered Dynamic interfaces with animation Using the camera and photo library User location and mapping services Accessing accelerometer data Handling multi touch gestures

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relevant and useful Throughout the book the authors explain what's important and share their insights into the larger context of the iOS platform You get a real understanding of how iOS development works the many features that are available and when and where to apply what you've learned **Swift Programming** Matthew Mathias, John Gallagher, 2015-12-11

Through the authors carefully constructed explanations and examples you will develop an understanding of Swift grammar and the elements of effective Swift style At the same time you will learn how to navigate Xcode and get the most out of Apple's documentation In addition throughout the book the authors share their insights into Swift to ensure that you understand the hows and whys of Swift and can put that understanding to use in different contexts After working through this book you will have the knowledge and confidence to develop your own solutions to a wide range of programming challenges using Swift **The Core iOS Developer's Cookbook** Erica Sadun, Rich Wardwell, 2014 This title brings together reliable proven

solutions for the heart of day to day iOS 7 development World renowned iOS programming expert Erica Sadun covers all the classes you'll need to create successful iOS 7 mobile apps with standard APIs and interface elements and take full advantage of iOS 7 graphics touches and views **iOS Programming** Joe Conway, Aaron Hillegass, Christian Keur, 2014-02-14 Updated and expanded to cover iOS 7 and Xcode 5 iOS Programming The Big Nerd Ranch Guide leads you through the essential concepts tools and techniques for developing iOS applications After completing this book you will have the know how and the confidence you need to tackle iOS projects of your own Based on Big Nerd Ranch's popular iOS Bootcamp course and its well tested materials and methodology this bestselling guide teaches iOS concepts and coding in tandem The result is instruction that is relevant and useful Throughout the book the authors explain what's important and share their insights into the larger context of the iOS platform You get a real understanding of how iOS development works the many features that are available and when and where to apply what you've learned Here are some of the topics covered Xcode 5 Instruments and Storyboards Building interfaces using the iOS 7 aesthetic ARC and strong and weak references Handling touch events and gestures Toolbars navigation controllers and split view controllers Using Auto Layout to scale user interfaces Using Dynamic Type to scale fonts Localization and Internationalization Block syntax and use Saving loading data Archiving and Core Data Core Location and Map Kit Communicating with web services using JSON Using the Model View Controller Store design pattern

iOS Programming Christian Keur, Aaron Hillegass, 2015-12-15 iOS Programming The Big Nerd Ranch Guide leads you through the essential concepts tools and techniques for developing iOS applications After completing this book you will have the know how and the confidence you need to tackle iOS projects of your own Based on Big Nerd Ranch's popular iOS Bootcamp course and its well tested materials and methodology this bestselling guide teaches iOS concepts and coding in tandem The result is instruction that is relevant and useful Throughout the book the authors explain what's important and share their insights into the larger context of the iOS platform You get a real understanding of how iOS development works the many features that are available and when and where to apply what you've learned **The iOS 5 Developer's Cookbook**

Erica Sadun,2012 Provides information on building iOS 5 applications for iPhone iPad and iPod Touch Classic Computer Science Problems in Swift David Kopec,2018-03-24 Summary Classic Computer Science Problems in Swift invites readers to invest their energy in some foundational techniques that have been proven to stand the test of time Along the way they ll learn intermediate and advanced features of the Swift programming language a worthwhile skill in its own right Purchase of the print book includes a free eBook in PDF Kindle and ePub formats from Manning Publications About the Technology Don t just learn another language Become a better programmer instead Today s awesome iOS apps stand on the shoulders of classic algorithms coding techniques and engineering principles Master these core skills in Swift and you ll be ready for AI data centric programming machine learning and the other development challenges that will define the next decade About the Book Classic Computer Science Problems in Swift deepens your Swift language skills by exploring foundational coding techniques and algorithms As you work through examples in search clustering graphs and more you ll remember important things you ve forgotten and discover classic solutions to your new problems You ll appreciate author David Kopec s amazing ability to connect the core disciplines of computer science to the real world concerns of apps data performance and even nailing your next job interview What s Inside Breadth first depth first and A search algorithms Constraint satisfaction problems Solving problems with graph algorithms Neural networks genetic algorithms and more All examples written in Swift 4 1 About the Reader For readers comfortable with the basics of Swift About the Author David Kopec is an assistant professor of computer science and innovation at Champlain College in Burlington Vermont He is an experienced iOS developer and the author of Dart for Absolute Beginners Table of Contents Small problems Search problems Constraint satisfaction problems Graph problems Genetic algorithms K means clustering Fairly simple neural networks Miscellaneous problems Learning Mobile App Development Jakob Iversen,Michael Eierman,2014 This book is unique in two ways First it is specifically designed to meet the needs of students in a classroom setting making it ideal for use in college technical and advanced high school computer science programs that are rapidly incorporating mobile development into their curricula Second it offers insightful parallel coverage of both iOS and Android helping students achieve mastery of either or both platforms as they gain a deeper comparative understanding of mobile development Students are guided through developing an actual working app on both platforms they learn about the entire mobile app development lifecycle including issues associated with licensing and both public and enterprise distribution This guide s tutorials have been extensively tested in developer training courses and are designed to support individuals coming to mobile development with widely varying backgrounds For those new to iOS the authors also provide an introduction to Objective C the iOS platform s native language Learning IOS Development Maurice Sharp,Rod Strougo,Erica Sadun,2014 This book offers the perfect hands on introduction to iOS development covering everything your students need to know about Objective C XCode and modern iOS user interface development With sample projects and end of chapter exercises this book is ideal for classroom instruction The

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Table of Contents Ios Programming The Big Nerd Ranch Big Nerd Ranch S

1. Understanding the eBook Ios Programming The Big Nerd Ranch Big Nerd Ranch S
 - The Rise of Digital Reading Ios Programming The Big Nerd Ranch Big Nerd Ranch S
 - Advantages of eBooks Over Traditional Books
2. Identifying Ios Programming The Big Nerd Ranch Big Nerd Ranch S
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Ios Programming The Big Nerd Ranch Big Nerd Ranch S
 - User-Friendly Interface
4. Exploring eBook Recommendations from Ios Programming The Big Nerd Ranch Big Nerd Ranch S
 - Personalized Recommendations
 - Ios Programming The Big Nerd Ranch Big Nerd Ranch S User Reviews and Ratings
 - Ios Programming The Big Nerd Ranch Big Nerd Ranch S and Bestseller Lists
5. Accessing Ios Programming The Big Nerd Ranch Big Nerd Ranch S Free and Paid eBooks
 - Ios Programming The Big Nerd Ranch Big Nerd Ranch S Public Domain eBooks
 - Ios Programming The Big Nerd Ranch Big Nerd Ranch S eBook Subscription Services

- Ios Programming The Big Nerd Ranch Big Nerd Ranch S Budget-Friendly Options
- 6. Navigating Ios Programming The Big Nerd Ranch Big Nerd Ranch S eBook Formats
 - ePub, PDF, MOBI, and More
 - Ios Programming The Big Nerd Ranch Big Nerd Ranch S Compatibility with Devices
 - Ios Programming The Big Nerd Ranch Big Nerd Ranch S Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Ios Programming The Big Nerd Ranch Big Nerd Ranch S
 - Highlighting and Note-Taking Ios Programming The Big Nerd Ranch Big Nerd Ranch S
 - Interactive Elements Ios Programming The Big Nerd Ranch Big Nerd Ranch S
- 8. Staying Engaged with Ios Programming The Big Nerd Ranch Big Nerd Ranch S
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Ios Programming The Big Nerd Ranch Big Nerd Ranch S
- 9. Balancing eBooks and Physical Books Ios Programming The Big Nerd Ranch Big Nerd Ranch S
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Ios Programming The Big Nerd Ranch Big Nerd Ranch S
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Ios Programming The Big Nerd Ranch Big Nerd Ranch S
 - Setting Reading Goals Ios Programming The Big Nerd Ranch Big Nerd Ranch S
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Ios Programming The Big Nerd Ranch Big Nerd Ranch S
 - Fact-Checking eBook Content of Ios Programming The Big Nerd Ranch Big Nerd Ranch S
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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