5TH EDITION

iOS Programming

THE BIG NERD RANCH GUIDE

Christian Keur and Aaron Hillegass

Ios Programming The Big Nerd Ranch Guide

Bill Phillips,Chris Stewart

Ios Programming The Big Nerd Ranch Guide:

   IOS Programming Christian Keur,Aaron Hillegass,2016   *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   *iOS Programming* Joe Conway,Aaron Hillegass,2012-03-16 Winner of a 2012 Jolt Productivity Award Updated and expanded to cover iOS 5 and Xcode 4 3 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 understanding 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 best selling guide teaches iOS concepts and coding in tandem The result is instruction that is relevant and useful Throughout the book the authors clearly explain what s important to know and share their insights into the larger context of the iOS platform This gives you 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 4 3 Instruments and Storyboards ARC strong and weak references and retain cycles Interfacing with iCloud Handling touch events and gestures Tool bars navigation controllers and split view controllers Localization and Internationalization Block syntax and use Background execution and multi tasking Saving loading data Archiving and Core Data Core Location and Map Kit Communicating with web services Working with XML JSON and NSRegularExpression Using the Model View Controller Store design pattern   IOS Programming Noah M. Potts,2015-08-06 Thought provoking and accessible in approach this updated and expanded second edition of the iOS Programming The Big Nerd Ranch Guide 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 advanced graduate level students We hope you find this book useful in shaping your future career Feel free to send us your enquiries related to our publications to info risepress pw Rise

Press *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 Navigation and tabbed applications Tables and creating custom rows Multiple ways of storing and loading data archiving Core Data SQLite Communicating with web services ALocalization Internationalization After many false starts with other iPhone development books these clear and concise tutorials made the concepts gel for me This book is a definite must have for any budding iPhone developer Peter Watling New Zealand Developer of BubbleWrap **IOS Programming** Aaron Hillegass,Christian Keur,2020 Updated for Xcode 11 Swift 5 and iOS 13 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 training 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 Objective-C Programming Aaron Hillegass,Mikey Ward,2013-11-20 Want to write iOS apps or desktop Mac applications This introduction to programming and the Objective C language is your first step on the journey from someone who uses apps to someone who writes them Based on Big Nerd Ranch s popular Objective C Bootcamp Objective C Programming The Big Nerd Ranch Guide covers C Objective C and the common programming idioms that enable developers to make the most of Apple technologies Compatible with Xcode 5 iOS 7 and OS X Mavericks 10 9 this guide features short chapters and an engaging style to keep you motivated and moving forward At the same time it encourages you to think critically as a programmer Here are some of the topics covered Using Xcode Apple s documentation and other tools Programming basics variables loops functions etc Objects classes methods and messages Pointers addresses and memory management with ARC Properties and Key Value Coding KVC Class extensions Categories Classes from the Foundation framework Blocks Delegation target action and notification design patterns Key Value Observing KVO Runtime basics *Swift Programming* Matthew Mathias,John Gallagher,2016 *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   **Cocoa Programming for OS X** Aaron Hillegass,Adam Preble,Nate Chandler,2015-04-16 Covering the bulk of what you need to know to develop full featured applications for OS X this edition is updated for OS X Yosemite 10 10 Xcode 6 and Swift Written in an engaging tutorial style and class tested for clarity and accuracy it is an invaluable resource for any Mac programmer The authors introduce the two most commonly used Mac developer tools Xcode and Instruments They also cover the Swift language basic application architecture and the major design patterns of Cocoa Examples are illustrated with exemplary code written in the idioms of the Cocoa community to show you how Mac programs should be written After reading this book you will know enough to understand and utilize Apple s online documentation for your own unique needs And you will know enough to write your own stylish code This edition was written for Xcode 6 3 and Swift 1 2 At WWDC 2015 Apple announced Xcode 7 and Swift 2 both of which introduce significant updates that along with some changes to Cocoa for OS X 10 11 affect some of the exercises in this book We have prepared a companion guide listing the changes needed to use Xcode 7 to work through the exercises in the book it is available at https github com bignerdranch cocoa programming for osx 5e blob master Swift2 md   **IPhone Programming** Joe Conway,1900 This is the eBook version of the printed book If the print book includes a CD ROM this content is not included within the eBook version Written by the trainers at the Big Nerd Ranch the worldwide leader in professional training for Mac developers this book provides a hands on guide to learning how to program for the iPhone and iPod touch Coverage includes An overview of Objective C the core language you ll use to program for the iPhoneAn overview of the Xcode ToolsHow to work with the iPhone SDK s UIKit

framework and Cocoa TouchBuild apps that use MapKit and CoreLocation as well as th   **Android Programming** Bill Phillips,Chris Stewart,2015-08-01 Android Programming The Big Nerd Ranch Guide is an introductory Android book for programmers with Java experience Based on Big Nerd Ranch s popular Android Bootcamp course this guide will lead you through the wilderness using hands on example apps combined with clear explanations of key concepts and APIs This book focuses on practical techniques for developing apps compatible with Android 4 1 Jelly Bean and up including coverage of Lollipop and material design Write and run code every step of the way creating apps that integrate with other Android apps download and display pictures from the web play sounds and more Each chapter and app has been designed and tested to provide the knowledge and experience you need to get started in Android development Big Nerd Ranch specializes in developing and designing innovative applications for clients around the world Our experts teach others through our books bootcamps and onsite training Whether it s Android iOS Ruby and Ruby on Rails Cocoa Mac OS X JavaScript HTML5 or UX UI we ve got you covered The Android team is constantly improving and updating Android Studio and other tools As a result some of the instructions we provide in the book are no longer correct You can find an addendum addressing breaking changes at https github com bignerdranch AndroidCourseResources raw master 2ndEdition Errata 2eAddendum pdf

    Swift Programming Mikey Ward,2020 Through this guide s carefully constructed explanations and examples you will develop an understanding of Swift grammar and the elements of effective Swift style all thoroughly revised for Swift 5 3 and Xcode 12 Based on Big Nerd Ranchs popular Swift training and its well tested materials and methodology this guide teaches concepts and coding through hands on exercises You will explore Swift features in Xcode playgrounds and you will end by building sample apps for the command line and for macOS and iOS After working through the book you will have the skills to confidently dive into learning app development for Apple platforms like iOS and macOS   **Kotlin Programming** David Greenhalgh,Josh Skeen,Andrew Bailey,2021-10-05 Kotlin is a statically typed programming language designed to interoperate with Java and fully supported by Google on the Android operating system It is also a multiplatform language that can be used to write code that can be shared across platforms including macOS iOS Windows and JavaScript Based on Big Nerd Ranch s popular Kotlin Essentials course this guide shows you how to work effectively with Kotlin through hands on examples and clear explanations of key Kotlin concepts and foundational APIs Written for Kotlin 1 5 this book will also introduce you to JetBrains IntelliJ IDEA development environment Whether you are an experienced developer or are learning your first programming language and whether you are interested in Kotlin for Android server side or multiplatform projects the authors will guide you from first principles to advanced Kotlin usage By the end of this book you will be empowered to create reliable concise applications in Kotlin   **Android Programming** Kristin Marsicano,Bill Phillips (Software engineer),Chris Stewart,Brian Gardner,2019   Android Programming Kristin Marsicano,Bryan Sills,Brian Gardner,Chris Stewart,2022-07-25 Previous edition Atlanta Big Nerd Ranch 2019   **Android Programming** Bill Phillips,Chris

Stewart,Kristin Marsicano,2019 Android Programming The Big Nerd Ranch Guide is an introductory Android book for programmers with Java experience Based on Big Nerd Ranch s popular Android Bootcamp this guide will lead you through the wilderness using hands on example apps combined with clear explanations of key concepts and APIs This book focuses on practical techniques for developing apps compatible with Android Oreo and Android P Write and run code every step of the way using Android Studio to create apps that integrate with other apps download and display pictures from the web play sounds and more Each chapter and app has been designed and tested to provide the knowledge and experience you need to get started in Android development   Android Programming Bill Phillips,Brian Hardy,2017-07 In Android Programming Ryan Hodson provides a useful overview of the Android application lifecycle Topics ranging from creating a UI to adding widgets and embedding fragments are covered and he provides plenty of links to Android documentation along the way Each chapter is conveniently summarized to ensure you get the most out of reading the book and summaries include helpful suggestions for expanding your abilities in this growing app market 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

   Android Programming Joel D. Forster,2015-08-19 This updated and expanded second edition of the Android Programming The Big Nerd Ranch Guide Big Nerd Ranch Guides 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

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