



AARON HILLEGASS

# OBJECTIVE-C PROGRAMMING

## THE BIG NERD RANCH GUIDE

# Objective C Programming The Big Nerd Ranch Guide

## Mark Fenoglio

**Aaron Hillegass**



## **Objective C Programming The Big Nerd Ranch Guide Mark Fenoglio:**

**Objective-C Programming** Aaron Hillegass,2011 Looks at the basics of Objective C programming for Apple technologies covering such topics as Xcode classes properties categories loops and ARC *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

**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

*Objective-C Programming* Benjamin M. Ward,2015-08-17 This updated and expanded second edition of the Objective C Programming The Big Nerd Ranch Guide 2nd Edition Big Nerd Ranch 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      **Pro Objective-C** Keith Lee,2013-09-20 The Objective C programming language continues to grow in popularity and usage because of the power and ease of use of the language itself along with the numerous features that continue to be added to the platform If you have a basic knowledge of the language and want to further your expertise Pro Objective C is the book for you Pro Objective C provides an in depth comprehensive guide to the language its runtime and key API s It explains the key concepts of Objective C in a clear easy to understand manner and also provides detailed coverage of its more complex features In addition the book includes numerous practical examples code excerpts and complete applications that demonstrate how to apply in code what you re learning The book begins with an exploration of Objective C s basic features and key language elements After reviewing the basics it proceeds with an in depth examination of the Objective C dynamic programming features and runtime system Next the book covers the Foundation Framework the base layer of APIs that can be used for any Objective C program Finally new and advanced features of Objective C are introduced and shown how they make the Objective C language even more powerful and expressive Each topic is covered thoroughly and is packed with the details you need to develop Objective C code effectively The most important features are given in depth treatment and each chapter contains numerous examples that demonstrate both the power and the subtlety of Objective C Start reading Pro Objective C and begin developing high quality professional apps on the OS X and iOS platforms using the Objective C programming language      Mastering Objective-C Sufyan bin Uzayr,2023 Mastering Objective C is a detailed guide for beginners that gives a modern programmer s viewpoint on Objective C It introduces the principles of Objective C and current Apple programming skills and libraries allowing the reader to make the best use of the tools available Concise and easy to understand this book covers many topics including an introduction to key concepts of language and primary toolkits as well as the Foundation and AppKit frameworks to help quickly advance with the necessary information This book explains how to structure applications properly and organize code for optimum performance The fundamental principles explained here are helpful to beginner and intermediate users interested in learning this highly technological and diverse language      **Objective-C - der Einstieg** Aaron Hillegass,2012

*Objective-C Programming For Dummies* Neal Goldstein,2012-10-02 A step by step guide to understanding object oriented programming with Objective C As the primary programming language for iPhone iPad and Mac OS X applications Objective C is a reflective object oriented language that all programmers must know before creating apps Assuming no prior programming language experience this fun and friendly book provides you with a solid understanding of Objective C Addressing the latest version of Xcode debugging code completion and more veteran author Neal Goldstein helps you gain a solid foundation of this complex topic and filters out any unnecessary intricate technical jargon Assumes no prior knowledge of programming and keeps the tone clear and entertaining Explains complicated topics regarding Objective C with clarity and in a straightforward but fun style that has defined the For Dummies brand for 20 years Features all material completely

compliant with the latest standards for Objective C and Apple programming Objective C Programming For Dummies is the ideal beginner book if your objective is to venture into iPhone iPad and Mac OS X development for the first time

**Mastering Objective C** Sufyan Bin Uzayr,2023-11 The book is a detailed guide for beginners and gives you a modern programmer's viewpoint on Objective C It will introduce you to the principles of Objective C allowing you to learn today's Apple programming skills and libraries that make the best use of the tools available The information presented in the book is direct and easy to understand It has all the topics covered introductions to key concepts of language its primary toolkits the Foundation and AppKit frameworks to help audience to quickly advance the necessary information This book will teach you how to structure your applications properly and organize your code for optimum performance The fundamental about Objective C principles explained here are helpful to beginner and volunteer users interested in learning this highly technological and diverse language

**Objective-C 2. 0 Essentials - Third Edition** Neil Smyth,2012-12-01 Now updated for the new Modern Objective C features introduced with the iOS 6 SDK the goal of this book is to teach the skills necessary to program in Objective C using a style that is easy to follow rich in examples and accessible to those who have never used Objective C before Topics covered include the fundamentals of Objective C such as variables looping and flow control Also included are details of object oriented programming working with files and memory and the Objective C Foundation framework Regardless of whether you are developing for Mac OS X or the iPhone or just want to learn Objective C this book covers everything you need to know about the Objective C language in 31 detailed and easy to follow chapters Topics covered in this Third Edition of Objective C 2 0 Essentials include The History of Objective C Installing Xcode and Compiling Objective C on Mac OS X Objective C 2 0 Data Types Working with Variables and Constants in Objective C Objective C Operators and Expressions Objective C 2 0 Operator Precedence Commenting Objective C Code Objective C Flow Control with if and else The Objective C switch Statement Objective C Looping The for Statement Objective C Looping with do and while Statements An Overview of Objective C Object Oriented Programming Writing Objective C Class Methods Objective C Data Encapsulation Synthesized Accessors and Dot Notation Objective C Inheritance Pointers and Indirection in Objective C Objective C Dynamic Binding and Typing with the id Type Objective C Variable Scope and Storage Class An Overview of Objective C Functions Objective C Enumerators An Overview of the Objective C Foundation Framework Working with String Objects in Objective C Understanding Objective C Number Objects Working with Objective C Array Objects Objective C Dictionary Objects Working with Directories in Objective C Working with Files in Objective C Constructing and Manipulating Paths with NSPathUtilities Copying Objects in Objective C Using Objective C Preprocessor Directives

**Beginning Objective C** James Dovey,Ashley Alonzo Hale Furrow,2013-01-04 Objective C is today's fastest growing programming language at least in part due to the popularity of Apple's Mac iPhone and iPad Beginning Objective C is for you if you have some programming experience but you're new to the Objective C programming language and you want a modern and fast

way forwards to your own coding projects Beginning Objective C offers you a modern programmer s perspective on Objective C courtesy of two of the best iOS and Mac developers in the field today and gets you programming to the best of your ability in this important language It gets you rolling fast into the sound fundamentals and idioms of Objective C on the Mac and iOS in order to learn how best to construct your applications and libraries making the best use of the tools it provides no matter what projects you plan to build The book offers thorough introductions to the core tenets of the language itself and its primary toolkits the Foundation and AppKit frameworks Within its pages you will encounter a mine of information on many topics including use of the file system and network APIs concurrency and multi core programming the user interface system architecture data modeling and more You ll soon find yourself building a fairly complex Objective C based application and mastering the language ready for your own projects If you re new to programming altogether then Apress has other Objective C books for you such as our Learning and Absolute Beginner titles otherwise let your existing skills ramp you fast forwards in Objective C with Beginning Objective C so that you can start building your own applications quickly

**Objective C for Beginners** Mark Lassoff,2012-05-30 It s not just a book It s a full training course with master instructor Mark Lassoff Your purchase of the book includes the book itself and access to just over 4 hours of video instruction In these videos you can code along with the instrutor as the different facets of Objective C are explained and demonstrated If you want to produce iOS applications there s no way around it You have to learn Objective C Based on the C programming language Objective C is a cool derivative of C that adds all sorts of functions and features In this Objective C Tutorial you ll learn everything you need to know about the Objective C programming language to competently start on learning the iOS libraries and development If you tried to learn iOS Development but found it too difficult to understand this is the course you need If you have NEVER programmed before take our Learn C Programming iOS Development Starts Here course first and then join this course and learn Objective C You ll love the experience as you start with the basics Objective C variables and move through more complex concpets like the Objective C foundation classes data structures and creating your own classes and objects This class contains over four hours of video lecture lab exercises and more In this ultimate Objective C video tutorial you ll work with instructor Mark Lassoff to master the concepts of Objective C programming used by iPhone and iPad application developers world wide We hope you enjoy Objective C for Beginners

**Objective-C** Jiva DeVoe,2011-01-13 A soup to nuts guide on the Objective C programming language Objective C is the language behind Cocoa and Cocoa Touch which is the Framework of applications written for the Macintosh iPod touch iPhone and iPad platforms Part of the Developer Reference series covering the hottest Apple topics this book covers everything from the basics of the C language to advanced aspects of Apple development You ll examine Objective C and high level subjects of frameworks threading networking and much more Covers the basics of the C language and then quickly moves onto Objective C and more advanced topics Draws from the author s first hand experience garnered while developing applications for the Mac and iPhone OS platforms

Includes chapters on classes memory management threads and the Foundation framework Also covers advanced topics like protocols categories associated objects and blocks Featuring real life examples drawn from the author s experience Objective C offers an insider look at this amazing programming language **Objective-C Recipes** Matthew Campbell,2012-09-22 Objective C Recipes provides a problem solution approach for dealing with key aspects of Objective C programming ensuring you have the indispensable reference you need to successfully execute common programming tasks You will see how to use the unique features of the Objective C programming language the helpful features of the Foundation framework and the benefits of using Objective J as an alternative Solutions are available for a range of problems including Application development with Xcode Working with strings numbers and object collections Using foundation classes like NSArray NSString NSData and more Dealing with threads multi core processing and asynchronous processing Building applications that take advantage of dates and timers and memory management How to use Objective C on other platforms Objective C Recipes is an essential reference for every Objective C programmer and offers solutions in a concise and easy to follow manner Matthew Campbell has trained over 800 new iOS developers at the Mobile App Mastery Institute and iOS Code Camp and here brings his expertise to offer you the ability to use and exploit Objective C to get the most out of all of your projects **Learn Objective-C for Java Developers** James Bucanek,2009-11-18 Learn Objective C for Java Developers will guide experienced Java developers into the world of Objective C It will show them how to take their existing language knowledge and design patterns and transfer that experience to Objective C and the Cocoa runtime library This is the express train to productivity for every Java developer who has dreamed of developing for Mac OS X or iPhone but felt that Objective C was too intimidating So hop on and enjoy the ride Provides a translation service that turns Java problem solving skills into Objective C solutions Allows Java developers to leverage their existing experience and quickly launch themselves into a new domain Takes the risk out of learning Objective C **Objective C Programming for Beginners** Mark Lassoff,2013 If you want to produce iOS applications there s no way around it You have to learn Objective C Based on the C programming language Objective C is a cool derivative of C that adds all sorts of functions and features In this Objective C Tutorial you ll learn everything you need to know about the Objective C programming language to competently start on learning the iOS libraries and development If you tried to learn iOS Development but found it too difficult to understand this is the course you need If you have NEVER programmed before take our Learn C Programming iOS Development Starts Here course first and then join this course and learn Objective C You ll love the experience as you start with the basics Objective C variables and move through more complex concepts like the Objective C foundation classes data structures and creating your own classes and objects This class contains over four hours of video lecture lab exercises and more In this ultimate Objective C video tutorial you ll work with instructor Mark Lassoff to master the concepts of Objective C programming used by iPhone and iPad application developers world wide We hope you enjoy Objective C for Beginners **Objective-C Phrasebook** David

Chisnall,2011-01-25 Objective C Phrasebook gives you the code phrases you need to quickly and effectively complete your programming projects with Objective C on systems including iOS and Mac OS X Concise and Accessible Easy to carry and easy to use lets you ditch all those bulky books for one portable pocket guide Flexible and Functional Packed with more than 100 customizable code snippets so you can readily code elegant Objective C in just about any situation [Objective C](#)

Sufyan Bin Uzayr,2023 The book is a detailed guide that will help developers and coders do more with Objective C It talks about the basics in brief and then moves on to more advanced and detailed exercises to help readers quickly gain the required knowledge The focus in this book remains on writing optimized and well structured code in Objective C

*Objective-c Succinctly* Ryan Hodson,2017-02-06 Objective C Succinctly is the only book you need for getting started with Objective C the primary language beneath all Mac iPad and iPhone apps Written by Ryan Hodson the author behind our popular Knockout.js Succinctly and PDF Succinctly titles this e book guides you from downloading Xcode Apple's Objective C IDE to utilizing advanced features like blocks similar to C's lambdas and protocols Along the way you'll learn how the familiar aspects of object oriented programming such as interfaces classes methods etc are used in Objective C giving you the ability to leverage your existing knowledge with the tools presented in the book [Programming in Objective-C](#) Stephen G. Kochan,2011-11-28 Programming in Objective C Fourth Edition Updated for iOS 5 and ARC Programming in Objective C is a concise carefully written tutorial on the basics of Objective C and object oriented programming for Apple's iOS and Mac platforms The book makes no assumptions about prior experience with object oriented programming languages or with the C language which Objective C is based upon Because of this both beginners and experienced programmers alike can use this book to quickly and effectively learn the fundamentals of Objective C Readers can also learn the concepts of object oriented programming without having to first learn all of the intricacies of the underlying C programming language This unique approach to learning combined with many small program examples and exercises at the end of each chapter makes Programming in Objective C ideally suited for either classroom use or self study The fourth edition of this book has been updated to cover the significant changes that first appeared in iOS 5 and Xcode 4.2 including the use of Automatic Reference Counting ARC to improve and simplify memory management in Objective C programs The best book on any programming language that I've ever read If you want to learn Objective C buy it Calvin Wolcott An excellent resource for a new programmer who wants to learn Objective C as their first programming language a woefully underserved market Pat Hughes

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## Reviewing **Objective C Programming The Big Nerd Ranch Guide Mark Fenoglio**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is really astonishing. Within the pages of "**Objective C Programming The Big Nerd Ranch Guide Mark Fenoglio**," an enthralling opus penned by a highly acclaimed wordsmith, readers set about an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve in to the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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