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MANN LONDON

Learning Cocoa with Objective-C Pearson Education
 Provides step-by-step instructions for learning Cocoa, discussing such topics as Objective-C, memory management, key-value coding, NSArrayController, archiving, user defaults, and keyboard events.

Cocoa Programming Packt Publishing Ltd
 The Cocoa Touch frameworks and APIs are powerful tools for creating native iOS apps, and they're free with Xcode, Apple's development environment. If you've already gotten your feet wet with Objective-C, and you're ready to learn more about iOS development, then Learn Cocoa Touch for iOS is the book for you. You'll learn on the job - building cool apps as you read through the book that will teach you what you need to know to use Cocoa Touch and prepare you for creating your own apps. Learn Cocoa Touch for iOS shows you how to use frameworks like MapKit, Twitter, and MediaPlayer. You'll also learn about hardware APIs so you can get the most out of your accelerometer, camera, and more. You'll even learn about more advanced features like Grand Central Dispatch. A home inventory management system A live-updating Twitter client A photo browser with an animated slideshow If you're ready for the next step toward becoming a Cocoa Touch master, this is the book for you. What you'll learn Get up and running with Xcode and Apple's other development tools Discover the Objective-C language and when to use the underlying C language Use the Model-View-Controller (MVC) paradigm to create well-designed apps Implement network services in your apps Animate screen components with UIKit animations Get awesome performance with multithreaded code Who this book is for Novice or intermediate programmers who want to create engaging iOS applications and get in-depth coverage of Cocoa Touch. Table of Contents Getting Started: Xcode and Hello World Objective-C in a Nutshell Memory Management and ARC Model-View-Controller Programming: Well-Designed Code The Delegation Pattern Managing On-Screen Content with View Controllers Providing Lists of Content with Table Views Nib Loading In-Depth Parent and Child View Controllers Handling User Touches Saving Content in Your App Moving Data Around Core Data Integrating Networking and Web Services Writing Modern Code with Blocks Managing What Happens When Timers Run Loops Grand Central Dispatch User Interface Design Custom UIView Subclasses Creating Dynamic User Interfaces with CoreGraphics Animation with UIKit and CoreAnimation Hardware APIs: Accelerometer, Camera, etc. Media in Your App: Playing Audio and Video Localization and Internationalization: Maximizing Your App's Reach

More Cocoa Programming for Mac OS X "O'Reilly Media, Inc."
 Written by members of the development team at Apple, Programming with Quartz is the first book to describe the sophisticated graphics system of Mac OS X. By using the methods described in this book, developers will be able to fully exploit the state-of-the-art graphics capabilities of Mac OS X in their applications, whether for Cocoa or Carbon development. This book also serves as an introduction to 2D graphics concepts, including how images are drawn and how color is rendered. It includes guidance for working with PDF documents, drawing bitmap graphics, using Quartz built-in color management, and drawing text. Programming with Quartz is a rich resource for new and experienced Mac OS X developers, Cocoa and Carbon programmers, UNIX developers who are migrating to Mac OS X, and anyone interested in powerful 2D graphics systems. This is the definitive guide to the revolutionary graphics system of Mac OS X that uses the Portable Document Format (PDF) as the basis of its imaging model It contains the latest on programming with Quartz for Mac OS X version 10.4 Carefully crafted and extensive code examples show how to accomplish most of the drawing tasks possible with Quartz
Cocoa Programming for Mac OS X Apress

The best-selling introduction to Cocoa, once again updated to cover the latest Mac programming technologies, and still enthusiastically recommended by experienced Mac OS X developers. "Cocoa® Programming for Mac® OS X is considered by most to be the de-facto intro-to-OS X programming text." --Bob Rudis, the Apple Blog "I would highly recommend this title to anyone interested in Mac development. Even if you own the previous edition, I think you'll find the new and revised content well worth the price." --Bob McCune, bobmccune.com If you're developing applications for Mac OS X, Cocoa® Programming for Mac® OS X, Fourth Edition, is the book you've been waiting to get your hands on. If you're new to the Mac environment, it's probably the book you've been told to read first. Covering the bulk of what you need to know to develop full-featured applications for OS X, written in an engaging tutorial style, and thoroughly class-tested to assure clarity and accuracy, it is an invaluable resource for any Mac programmer. Specifically, Aaron Hillegass and Adam Preble introduce the two most commonly used Mac developer tools: Xcode and Instruments. They also cover the Objective-C language and the major design patterns of Cocoa. Aaron and Adam illustrate their explanations 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. Updated for Mac OS X 10.6 and 10.7, this fourth edition includes coverage of Xcode 4, blocks, view-based table views, Apple's new approach to memory management (Automatic Reference Counting), and the Mac App Store. This edition adds a new chapter on concurrency and expands coverage of Core Animation. The book now devotes a full chapter to the basics of iOS development.

Mac OSX Developer's Guide John Wiley & Sons
 Cocoa® is more than just a collection of classes, and is certainly more than a simple framework. Cocoa is a complete API set, class library, framework, and development environment for building applications and tools to run on Mac OS® X. With over 240 classes, Cocoa is divided into two essential frameworks: Foundation and Application Kit. Above all else, Cocoa is a toolkit for creating Mac OS X application interfaces, and it provides access to all of the standard Aqua® interface components such as menus, toolbars, windows, buttons, to name a few. Cocoa in a Nutshell begins with a complete overview of Cocoa's object classes. It provides developers who may be experienced with other application toolkits the grounding they'll need to start developing Cocoa applications. Common programming tasks are described, and many chapters focus on the larger patterns in the frameworks so developers can understand the larger relationships between the classes in Cocoa, which is essential to using the framework effectively. Cocoa in a Nutshell is divided into two parts, with the first part providing a series of overview chapters that describe specific features of the Cocoa frameworks. Information you'll find in Part I includes: An overview of the Objective-C language Coverage of the Foundation and Application Kit frameworks Overviews of Cocoa's drawing and text handling classes Network services such as hosts, Rendezvous URL services, sockets, and file handling Distributed notifications and distributed objects for interapplication communication Extending Cocoa applications with other frameworks, including the AddressBook, DiscRecording, and Messaging frameworks The second half of the book is a detailed quick reference to Cocoa's Foundation and Application Kit (AppKit) classes. A complement to Apple's documentation, Cocoa in a Nutshell is the only reference to the classes, functions, types, constants, protocols, and methods that make up Cocoa's Foundation and Application Kit frameworks, based on the Jaguar release (Mac OS X 10.2). Peer-reviewed and approved by Apple's engineers to be part of the Apple Developer Connection (ADC) Series, Cocoa in a Nutshell is the book developers will want close at hand as they work. It's the desktop quick reference they can keep by their side to look something up quickly without leaving their work. Cocoa in a Nutshell is the book developers will want close at hand as they work. It's the desktop quick reference they can keep by their side to look something up quickly without leaving their work.

Programming with Quartz "O'Reilly Media, Inc."
 Learning Cocoa with Objective-C is the "must-have" book for people who want to develop applications for Mac OS X, and is the only book approved and reviewed by Apple engineers. Based on the Jaguar release of Mac OS X 10.2, this edition of Learning Cocoa includes examples that use the Address Book and Universal Access APIs. Also included is a handy quick reference card, charting Cocoa's Foundation and AppKit frameworks, along with an Appendix that includes a listing of resources essential to any Cocoa developer--beginning or advanced. Completely revised and updated, this 2nd edition begins with some simple examples to familiarize you with the basic elements of Cocoa programming as well Apple's Developer Tools, including Project Builder and Interface Builder. After introducing you to Project Builder and Interface Builder, it brings you quickly up to speed on the concepts of object-oriented programming with Objective-C, the language of choice for building Cocoa applications. From there, each chapter presents a different sample program for you to build, with easy to follow, step-by-step instructions to teach you the fundamentals of Cocoa programming. The techniques you will learn in each chapter lay the foundation for more advanced techniques and concepts presented in later chapters. You'll learn how to: Effectively use Apple's suite of Developer Tools, including Project Builder and Interface Builder Build single- and multiple-window document-based applications Manipulate text data using Cocoa's text handling capabilities Draw with Cocoa Add scripting functionality to your applications Localize your application for multiple language support Polish off your application by adding an icon for use in the Dock, provide Help, and package your program for distribution Each chapter ends with a series of Examples, challenging you to test your newly-learned skills by tweaking the application you've just built, or to go back to an earlier example and add to it some new functionality. Solutions are provided in the Appendix, but you're encouraged to learn by trying. Extensive programming experience is not required to complete the examples in the book, though experience with the C programming language will be helpful. If you are familiar with an object-oriented programming language such as Java or Smalltalk, you will rapidly come up to speed with the Objective-C language. Otherwise, basic object-oriented and language concepts are covered where needed.

Cocoa Programming "O'Reilly Media, Inc."
 Applications developers will find step-by-step instruction for using Cocoa to build a series of graphics applications for Mac OS X in this tutorial featuring extended examples written in Objective-C. Following material on Cocoa, the Aqua interface, and Interface builder, the bulk of the book provides instructions for building a four-function calculator, a multiple-document, multiprocess application, and a multithreaded, mouse-tracking application. Familiarity with programming in general and with the ANSI C language is assumed. Annotation copyrighted by Book News, Inc., Portland, OR.
Programming Cocoa with Ruby John Wiley & Sons
 There's a fast growing audience of Mac OS X developers who are getting comfortable with Apple's Cocoa framework and now want to take their skills to the next level. Many of them began with Aaron Hillegass's classic book, Cocoa Programming for Mac OS X. Now, in More Cocoa Programming: The Big Nerd Ranch Guide , Hillegass and colleague Juan Pablo Claude show experienced Cocoa developers how to build Cocoa applications that work better and do more than ever before. Starting from a basic sample application, you will walk through adding powerful new functionality, one step at a time. As you do, you'll master valuable Cocoa tips and tricks that can't be found in any other book. The authors' detailed, example-rich coverage includes: Uncovering the secrets of Cocoa's text system--and making the most of it Incorporating support for Spotlight, Quick Look, AppleScript, and other advanced OS X platform technologies Providing more effective help and accessibility features Delivering applications as packages Implementing automatic updates via Sparkle Using unit testing to deliver more reliable code Incorporating graphics and animations into

your software ...and much more! This title is part of the new Big Nerd Ranch Guides series: the world's best books on Mac and iOS development, straight from the world's #1 Mac programming trainers--Aaron Hillegass and Big Nerd Ranch!

Learning Cocoa Addison-Wesley Professional

Mac OS X, Apple's newest operating system for the Macintosh platform, is profoundly different from its earlier versions because of its similarity to the UNIX operating system. For developers writing software for OS X this means adjusting to two new environments to create applications and to access the enhanced features of the new OS, Cocoa and Carbon. Cocoa is an object-oriented API in which all future OS X programs will be written. Carbon is a transitional technology allowing compatibility of applications written for earlier versions of the Mac OS with Mac OS X. Mac OS X Developer's Guide focuses equally on Cocoa and Carbon, guiding the reader through these technologies and showing how to write applications in both. It is the first book for Mac OS X developers written for those who are already working on applications, as well as new developers just getting started. It starts off describing the new OS and its development tools then focuses on specific programming issues, providing tips on making the transition from classic Mac OS code to Mac OS X. * A guide for developers already writing applications as well as new developers just getting started * Focuses equally on both Cocoa and Carbon environments * Provides tips on transitioning from writing code for classic Mac OS to OS X * References Apple online materials extensively, to keep developers up to speed on changes

[Cocoa Programming for Mac OS X](#) "O'Reilly Media, Inc."

Cocoa is one of the principal application environments for Mac OS X; its advanced object-oriented APIs allow users to develop in both Java and Objective-C. This revolutionary new way of developing sophisticated applications for the Macintosh is both powerful and easy. Written by insiders at Apple Computer, this book provides information that can't be found anywhere else--giving users a potential leg up in the Mac OS X application development market.

Learn Cocoa on the Mac Elsevier

The Cocoa frameworks are some of the most powerful frameworks for creating native desktop applications available on any platform today, and Apple gives them away, along with the Xcode development environment, for free! However, for a first-time Mac developer, just firing up Xcode and starting to browse the documentation can be a daunting task. The Objective-C class reference documentation alone would fill thousands of printed pages, not to mention all the other tutorials and guides included with Xcode. Where do you start? Which classes are you going to need to use? How do you use Xcode and the rest of the tools? This book answers these questions and more, helping you find your way through the jungle of classes, tools, and new concepts so that you can get started on the next great Mac OS X application today. Jack Nutting is your guide through this forest; he's lived here for years, and he'll show you which boulder to push, which vine to chop, and which stream to float across in order to make it through. You will learn not only how to use the components of this rich framework, but also which of them fit together, and why. Jack Nutting's approach, combining pragmatic problem-solving with a deep respect for the underlying design philosophies contained within Cocoa, stems from years of experience using these frameworks. He'll show you which parts of your application require you to jump in and code a solution, and which parts are best served by letting Cocoa take you where it wants you to go. The path over what looks like a mountain of components and APIs has never been more thoroughly prepared for your travels. With Jack's guidance, the steep learning curve becomes a pleasurable adventure. There is still much work for the uninitiated, but by the time you're done, you will be well on your way to becoming a Cocoa master.

[Cocoa Programming Developer's Handbook](#) Addison-Wesley Professional

"Next time some kid shows up at my door asking for a code review, this is the book that I am going

to throw at him." --Aaron Hillegass, founder of Big Nerd Ranch, Inc., and author of *Cocoa Programming for Mac OS X Unlocking the Secrets of Cocoa and Its Object-Oriented Frameworks* Mac and iPhone developers are often overwhelmed by the breadth and sophistication of the Cocoa frameworks. Although Cocoa is indeed huge, once you understand the object-oriented patterns it uses, you'll find it remarkably elegant, consistent, and simple. *Cocoa Design Patterns* begins with the mother of all patterns: the Model-View-Controller (MVC) pattern, which is central to all Mac and iPhone development. Encouraged, and in some cases enforced by Apple's tools, it's important to have a firm grasp of MVC right from the start. The book's midsection is a catalog of the essential design patterns you'll encounter in Cocoa, including Fundamental patterns, such as enumerators, accessors, and two-stage creation Patterns that empower, such as singleton, delegates, and the responder chain Patterns that hide complexity, including bundles, class clusters, proxies and forwarding, and controllers And that's not all of them! *Cocoa Design Patterns* painstakingly isolates 28 design patterns, accompanied with real-world examples and sample code you can apply to your applications today. The book wraps up with coverage of Core Data models, AppKit views, and a chapter on Bindings and Controllers. *Cocoa Design Patterns* clearly defines the problems each pattern solves with a foundation in Objective-C and the Cocoa frameworks and can be used by any Mac or iPhone developer.

Cocoa in a Nutshell "O'Reilly Media, Inc."

The Cocoa frameworks are some of the most powerful frameworks for creating native desktop applications available on any platform today, and Apple gives them away, along with the Xcode development environment, for free! However, for a first-time Mac developer, just firing up Xcode and starting to browse the documentation can be a daunting task. The Objective-C class reference documentation alone would fill thousands of printed pages, not to mention all the other tutorials and guides included with Xcode. Where do you start? Which classes are you going to need to use? How do you use Xcode and the rest of the tools? This book answers these questions and more, helping you find your way through the jungle of classes, tools, and new concepts so that you can get started on the next great Mac OS X application today. Jack Nutting is your guide through this forest; he's lived here for years, and he'll show you which boulder to push, which vine to chop, and which stream to float across in order to make it through. You will learn not only how to use the components of this rich framework, but also which of them fit together, and why. Jack Nutting's approach, combining pragmatic problem-solving with a deep respect for the underlying design philosophies contained within Cocoa, stems from years of experience using these frameworks. He'll show you which parts of your application require you to jump in and code a solution, and which parts are best served by letting Cocoa take you where it wants you to go. The path over what looks like a mountain of components and APIs has never been more thoroughly prepared for your travels. With Jack's guidance, the steep learning curve becomes a pleasurable adventure. There is still much work for the uninitiated, but by the time you're done, you will be well on your way to becoming a Cocoa master.

Cocoa Programming for OS X O'Reilly Media

Introduces the UNIX environment in Mac OS X and explains concepts such as the Terminal application, compiling code, creating and installing packages, and building the Darwin kernel.

Cocoa Programming For Dummies For Dummies

Harness the power of Cocoa's object-oriented software development environment with this book that is completely updated for Mac OS X 10.2. Cocoa has quickly gained recognition as the leading development framework for building OS X applications. Users will understand the common features found in Cocoa's tools: InterfaceBuilder, ProjectBuilder, the GCC compiler and the GDB debugger.

Mac OS X for Unix Geeks "O'Reilly Media, Inc."

A solid introduction to programming on the Mac OS X Snow Leopard platform The Mac OS X Snow Leopard system comes with everything you need in its complete set of development tools and

resources. However, finding where to begin can be challenging. This book serves as an ideal starting point for programming on the Mac OS X Snow Leopard platform. Step-by-step instructions walk you through the details of each featured example so that you can type them out, run them, and even figure out how to debug them when they don't work right. Taking into account that there is usually more than one way to do something when programming, the authors encourage you to experiment with a variety of solutions. This approach enables you to efficiently start writing programs in Mac OS X Snow Leopard using myriad languages and put those languages together in order to create seamless applications. Coverage Includes: The Mac OS X Environment Developer Tools Xcode Interface Builder The C Language The Objective-C Language An Introduction to Cocoa Document-Based Cocoa Applications Core Data-Based Cocoa Applications An Overview of Scripting Languages The Bash Shell AppleScript and AppleScriptObjC Javascript, Dashboard, and Dashcode Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Learn Cocoa on the Mac John Wiley & Sons

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

Learning Cocoa with Objective-C Apress

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 Pearson Education

Get productive with Cocoa--fast--with this guide that jumps right in and shows how to build a Web browser using Cocoa.

Cocoa Design Patterns Sams Publishing

This updated edition offers expert guidance and up-to-the-minute best practices for building object-oriented applications with the Cocoa framework for Mac OS X and the iPhone.