

Erik M. Buck
Donald A. Yacktman



Foreword by Aaron Hillegass,
author of *Cocoa Programming for Mac OS X*

Cocoa Design Patterns

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Michael Rajnik



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Cocoa Design Patterns Erik Buck, Donald Yacktman, 2009-09-01 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 Design Patterns Erik M. Buck, 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 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 Cocoa Design Patterns Erik M. Buck, Erik M., 2009 *Learning Objective-C 2.0* Robert Clair, 2012-11-14 Get Started Fast with Objective C 2 0 Programming for OS X Mountain Lion iOS 5 1 and Beyond Fully updated for Xcode 4 4 Learning Objective C 2 0 Second Edition is today s most useful beginner s guide to Objective C 2 0 One step at a time it will help you master the newest version of Objective C 2 0 and start writing high quality programs for OS X 10 8 Mountain Lion iOS 5 1 and all of Apple s newest computers and devices Top OS X and iOS developer Robert Clair first reviews the essential object and C concepts that every Objective C 2 0 developer needs to know Next he introduces the basics of the Objective C 2 0 language itself walking through code examples one line at a time and explaining what s happening behind the scenes This revised edition thoroughly introduces Apple s new Automated Reference Counting ARC while also teaching conventional memory management techniques that remain indispensable Carefully building on what you ve already learned Clair progresses to increasingly sophisticated techniques in areas ranging from frameworks to security

Every topic has been carefully chosen for its value in real world day to day programming and many topics are supported by hands on practice exercises Coverage includes Reviewing key C techniques and concepts from program structure and formats to variables and scope Understanding how objects and classes are applied in Objective C 2 0 Writing your first Objective C program with Xcode 4 4 Using messaging to efficiently perform tasks with objects Getting started with Apple s powerful frameworks and foundation classes Using Objective C control structures including Fast Enumeration and exception handling Adding methods to classes without subclassing Using declared properties to save time and simplify your code Mastering ARC and conventional memory management and knowing when to use each Using Blocks to prepare for concurrency with Apple s Grand Central Dispatch Leveraging Xcode 4 4 improvements to enums and implementation

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[Mac OS X for Java Geeks](#) Will Iverson, 2003-04-24 *Mac OS X for Java Geeks* delivers a complete and detailed look at the Mac OS X platform geared specifically at Java developers Programmers using the 10 2 Jaguar release of Mac OS X and the new JDK 1 4 have unprecedented new functionality available to them Whether you are a Java newbie working your way through Java Swing and classpath issues or you are a Java guru comfortable with digital media reflection and J2EE this book will teach you how to get around on Mac OS X You ll also get the latest information on how to build applications that run seamlessly and identically on Windows Linux Unix and the Mac The book begins by laying out the Mac OS X tool set from the included Java Runtime Environment to third party tools IDEs and Jakarta Ant You ll then be brought up to speed on the advanced Mac specific extensions to Java including the spelling framework speech framework

and integration with QuickTime In addition to clear explanations of these extensions you ll learn how to write code that falls back to non Mac specific code when it runs on other platforms keeping your application portable Once you have the fundamentals of the Mac OS X Java platform in hand this book takes you beyond the basics You ll learn how to get the Apache web server running and supplement it with the Jakarta Tomcat JSP and servlet container JSPs and servlets running on Mac OS X are covered as is installation and connectivity to a database Once you have your web applications up and running you ll learn how to interface them with EJBs as running the JBoss application server on Mac OS X is covered Finally the latest developments in web services including XML RPC and SOAP are found within

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iPhone iPod touch and iPad OpenGL ES technology underlies the user interface and graphical capabilities of Apple's iPhone iPod touch and iPad as well as devices ranging from video game consoles and aircraft cockpit displays to non Apple smartphones In this friendly thorough introduction Erik M Buck shows how to make the most of Open GL ES in Apple's iOS environment This highly anticipated title focuses on modern efficient approaches that use the newest versions of OpenGL ES helping you avoid the irrelevant obsolete and misleading techniques that litter the Internet Buck embraces Objective C and Cocoa Touch showing how to leverage Apple's powerful elegant GLKit framework to maximize your productivity achieve tight platform integration and deliver exceptionally polished apps If you've written C or C code and know object oriented programming basics this title brings together everything you need to fully master OpenGL ES graphics for iOS including downloadable examples specifically designed to jumpstart your own projects Coverage includes Understanding core OpenGL ES computer graphics concepts and iOS graphics architecture Integrating Cocoa Touch with OpenGL ES to leverage the power of Apple's platform Creating textures from start to finish opacity blending multi texturing and compression Simulating ambient diffuse and specular light Using transformations to render 3D geometric objects from any point of view Animating scenes by controlling time through application logic Partitioning data to draw expansive outdoor scenes with rolling terrain Detecting and handling user interaction with 3D geometry Implementing special effects ranging from skyboxes to particles and billboards Systematically optimizing graphics performance Understanding the essential linear algebra concepts used in computer graphics Designing and constructing a complete simulation that incorporates everything you've learned

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