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Title: Building iPhone and iPad Electronic Projects; Author(s): Mike Westerfield; Release date: September 2013; Publisher(s): O'Reilly Media, Inc. ISBN: 9781449363505

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NEW, Building iPhone and iPad Electronic Projects: Real-World Arduino, Sensor, and Bluetooth Low Energy Apps in techBASIC, Mike Westerfield, Why simply play music or go online when you can use your iPhone or iPad for some really fun projects, such as building a metal detector, hacking a radio control truck, or tracking a model rocket in flight?

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The Building Regulations UK app is a Division of Building Compliance Ltd one of UK and Ireland's leading information services on the Building Regulations. Our mission is to provide everyone in the Building Industry with the information they need to ensure all buildings are built to the highest standards while meeting the minimum requirements of the Building Regulations.

The Building Regulations UK on the App Store

Apps should look great on all models of iPhone and iPad, regardless of display size or aspect ratio. With features like Xcode storyboards and Auto Layout, your app's interface elements and layouts automatically fit the display. As announced at WWDC19, starting April 2020, apps submitted to the App Store must use an Xcode storyboard to provide the app's launch screen and must have an ...

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Why simply play music or go online when you can use your iPhone or iPad for some really fun projects, such as building a metal detector, hacking a radio control truck, or tracking a model rocket in flight?

Learn how to build these and other cool things by using iOS device sensors and inexpensive hardware such as Arduino and a Bluetooth Low Energy (LE) Shield. This hands-on book shows you how to write simple applications with techBASIC, an Apple-approved development environment that runs on iOS devices. By using code and example programs built into techBASIC, you'll learn how to write apps directly on your Apple device and have it interact with other hardware. Build a metal detector with the iOS magnetometer Use the HiJack hardware platform to create a plant moisture sensor Put your iPhone on a small rocket to collect acceleration and rotation data Hack a radio control truck with Arduino and Bluetooth LE Create an arcade game with an iPad controller and two iPhone paddles Control a candy machine with an iOS device, a micro servo, and a WiFi connection

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Provides information on using iOS SDK tools to create applications for the iPhone and the iPad.

Get in the game of developing successful apps for the iPad Designing for the iPad presents unique challenges for developers and requires an entirely different mindset of elements to consider when creating apps. Written by a highly successful iPad software developer, this book teaches you how to think about the creation process differently when designing iPad apps and escorts you through the process of building applications that have the best chance for success. You'll learn how to take advantage of the iPad's exciting new features and tackle an array of new design challenges so that you can make your app look spectacular, work intuitively, and sell, sell, sell! Bestselling iPad app developer Chris Stevens shares insight and tips for creating a unique and sellable iPad app Walks you through sketching out an app, refining ideas, prototyping designs, organizing a collaborative project, and more Highlights new code frameworks and discusses interface design choices Offers insider advice on using the latest coding options to make your app a surefire success Details iPad design philosophies, the difference between industrial and retail apps, and ways to design for multiple screen orientations Designing for the iPad escorts you through the steps of developing apps for the iPad, from pencil sketch all the way through to the iPad App Store.

Not many books have a single project that lives and evolves through the entire narrative. The reason not many books do this is because it is difficult to do well. Important toolkit features get shoehorned in weird places because the author didn't do enough up-front design time. This book, though, takes you from design, to a prototype, to the Real Deal. And then it goes further. Mark Dalrymple, cofounder of CocoaHeads, the international Mac and iPhone programmer community; author of Advanced Mac OS X Programming: The Big Nerd Ranch Guide Learning iPad Programming, Second Edition, will help you master all facets of iPad programming with Apple's newest tools. Its in-depth, hands-on coverage fully addresses the entire development process, from installing the iOS SDK through coding, debugging, submitting apps for Apple's review, and deployment. Extensively updated for Apple's newest iOS features and Xcode 4.x updates, this book teaches iPad programming through a series of exercises centered on building PhotoWheel, a powerful personal photo library app. As you build PhotoWheel, you'll gain experience and real-world insights that will help you succeed with any iPad development project. Leading iOS developers Kirby Turner and Tom Harrington introduce the essentials of iOS development, focusing on features that are specific to iPad. You'll find expert coverage of key topics many iOS development books ignore, from app design to Core Data. You'll also learn to make the most of crucial iOS and Xcode features, such as Storyboarding and Automatic Reference Counting (ARC), and extend your app with web services and the latest iCloud syncing techniques. Learn how to Build a fully functional app that uses Core Data and iCloud syncing Use Storyboarding to quickly prototype a functional UI and then extend it with code Create powerful visual effects with Core Animation and Core Image Support AirPrint printing and AirPlay slideshows Build collection views and custom views, and

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**Summary** Do you have a fantastic idea for an iPhone app but no idea how to bring it to life? Great news! With the right tools and a little practice, anyone can create an app. This book will get you started, even if you've never written a line of computer code. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. **About the Book** Anyone Can Create an App begins with the basics by introducing programming concepts, the Swift language, and the tools you'll need to write iOS apps. As you explore the interesting examples, illuminating illustrations, and crystal-clear step-by-step instructions, you'll learn to: Get started programming, no experience necessary! Add controls like text boxes and buttons Keep track of your favorite things by creating the Like It or Not (LioN) app By the end, you'll be able to create and run your own apps, and you'll have the confidence to learn more on your own. The book is updated for Swift 3. **About the Reader** This book is written especially for non programmers - no experience needed! **About the Author** Wendy Wise has an extensive background in mobile and application development and has worked with several Fortune 500 companies. In her 17-year technical career, Wendy has served as a senior director of software development, a senior product manager for international mobile applications, and a hands-on developer for web and mobile technologies, among many other technical roles. Wendy fully embraces her nerd/geek side, as you'll find out as you read this book. In her spare time, she enjoys beer, coffee, photography, camping, and being outdoors. **Table of Contents** PART 1 - YOUR VERY FIRST APP Getting started Building your first app Your first app, explained Learning more about your development tools: Xcode Capturing users' actions: adding buttons The button app, explained Capturing user input: adding text boxes Playing on the Playground PART 2 - THE KEYS TO THE CITY: UNDERSTANDING KEY DEVELOPMENT CONCEPTS Go with the flow, man! Controlling the flow of your app While you're doing that... Collections Telling stories with storyboards ViewControllers in depth Put it on my tab: creating tab bars Table views: more than a coffee table picture book Patterns: learning to sew PART 3 - CREATING THE LIKE IT OR NOT APP Putting it all together: the LioN app Adding data to your LioN app Displaying details of your LioN Creating the details of the detail view The AddEditView scene Delegates are everywhere Editing LioNs Saving LioNs Making your LioN prettier Working with Auto Layout Search your LioNs

It's in magazines and newspapers, it's on television and radio, it's on buses and billboards and pretty much everywhere you look. The iPad is the touchscreen tablet from Apple, representing the next generation of mobile computing. Packed with dozens of new features, the iOS 3.2 SDK enables you to build sophisticated, desktop-quality apps for this exciting new platform. Every iPhone and iPod touch app developer looking to take the next step and move into the iPad arena will want to read this book from cover to cover. **Beginning iPad Development for iPhone Developers: Mastering the iPad SDK** has all the answers, and you'll find them presented with the same easy-to-follow style and thorough coverage you've come to expect from titles like **Beginning iPhone 3 Development**—everything an aspiring iPad developer needs to know to create great apps. Best-selling authors Jack Nutting, Dave Wooldridge, and Dave Mark show iPhone developers how to master all of the iPad-exclusive frameworks and features, which are explained, demonstrated in action, and put through their paces in this comprehensive programming guide. You'll get a detailed understanding of the new feature set and gain every possible advantage in the iTunes App Store.

With **Advanced iOS 4 Programming**, developers have the expert guidance they need to create amazing applications for Apple's iPhone, iPad, and iPod touch. Inside, veteran mobile developer Dr. Maher Ali begins with a foundation introduction to Objective C and Cocoa Touch programming, and then guides readers through building apps with Apple's iPhone SDK 4 — including coverage of the major categories

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of new APIs and building apps for the new Apple iPad. This book concentrates on illustrating GUI concepts programmatically, allowing readers to fully appreciate the complete picture of iOS 4 development without relying on Interface Builder. In addition, Interface Builder is covered in several chapters. Advanced iOS 4 Programming delves into more advanced topics going beyond the basics of iOS 4 development, providing comprehensive coverage that will help you get your apps to the App Store quicker. Key features include: Objective-C programming language and runtime Interface Builder Building advanced mobile user interfaces Collections Cocoa Touch Core Animation and Quartz 2D Model-view-controller (MVC) designs Developing for the iPad Grand Central Dispatch Parsing XML documents using SAX, DOM, and TouchXML Working with the Map Kit API Remote and Local Push Notification Blocks (closures) in Objective-C Building advanced location-based applications Developing database applications using the SQLite engine GameKit framework

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