















## Read Book Android Programming The Big Nerd Ranch Guide Big Nerd Ranch Guides

achieve concurrency and remain highly performant, with no need for synchronization. Later on, we will leverage backpressure and other strategies to cope with rapidly-producing sources to prevent bottlenecks in your application. After covering custom operators, testing, and debugging, the book dives into hands-on examples using RxJava on Android as well as Kotlin. Style and approach This book will be different from other Rx books, taking an approach that comprehensively covers Rx concepts and practical applications.

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.

????Tim Peierls?Joshua Bloch?Joseph Bowbeer?David Holmes?Doug Lea

Build Great Apps: End-to-End Processes, Tools, and Management Tips for Doing It Right! Foreword by Kyle Richter, CEO, MartianCraft Today, successful apps are complex software projects. You can't just knock them off in a weekend--and, worse, many common programming habits don't work well in mobile. You need skills, processes, tools, management techniques, and best practices that are honed for mobile platforms and realities. In App Accomplished, top mobile developer Carl Brown provides all that--so you can run your entire project effectively and get the answers you need right now. Whether you're writing your own code or contracting out, you'll find hard-won guidance for your entire app development life cycle. Brown guides you step-by-step from planning and design through testing and updates. Through case studies drawn from his immense experience, he reveals why so many app projects fail--and how to avoid the mistakes that derailed them. When it comes to apps, a great idea isn't enough: You have to execute. This is the first book that shows you how. Understand mobile-specific issues that lead even experienced developers astray Find developers who can do a great job with your unique app at a fair price Define the requirements you need to create accurate schedules and budgets Work with developers to get the best possible results Manage and communicate effectively to avoid cost overruns Solve problems before they get out of control Develop wireframes and prototypes that clarify the user's core experience Choose app components, from servers to data storage Select tools for source control, testing, project tracking, and more Identify and fill crucial skills gaps Estimate the quality of the app you're building Efficiently test and debug your app Recover from App Store rejection Leverage user feedback to help plan your next release Determine when an existing project is too far off course to fix

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.

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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>.

Prentice Hall PTR

Kotlin is a statically typed programming language designed to interoperate with Java and fully supported by Google on the Android operating system. Based on Big Nerd Ranch's popular Kotlin Essentials course, this guide shows you how to work effectively with the Kotlin programming language through hands-on examples and clear explanations of key Kotlin concepts and foundational APIs. Written for Kotlin 1.2, this book will also introduce you to JetBrains' IntelliJ IDEA development environment. Whether you are an experienced Android developer looking for modern features beyond what Java offers or a new developer ready to learn your first programming language, the authors will guide you from first principles to advanced usage of Kotlin. By the end of this book, you will be empowered to create reliable, concise applications in Kotlin.

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