

Professional Android 2 Application Development Reto Meier

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Professional Flash Mobile Development John Wiley & Sons

The first comprehensive guide to discovering and preventing attacks on the Android OS As the Android operating system continues to increase its share of the smartphone market, smartphone hacking remains a growing threat. Written by experts who rank among the world's foremost Android security researchers, this book presents vulnerability discovery, analysis, and exploitation tools for the good guys. Following a detailed explanation of how the Android OS works and its overall security architecture, the authors examine how vulnerabilities can be discovered and exploits developed for various system components, preparing you to defend against them. If you are a mobile device administrator, security researcher, Android app developer, or consultant responsible for evaluating Android security, you will find this guide is essential to your toolbox. A crack team of leading Android security researchers explain Android security risks, security design and architecture, rooting, fuzz testing, and vulnerability analysis. Covers Android application building blocks and security as well as debugging and auditing Android apps. Prepares mobile device administrators, security researchers, Android app developers, and security consultants to defend Android systems against attack. Android Hacker's Handbook is the first comprehensive resource for IT professionals charged with smartphone security.

Android Programming Pearson Education

The Android development platform, created by Google and the Open Handset Alliance, is a platform in its truest sense, encompassing hundreds of classes beyond the traditional Java classes and open source components that ship with the SDK. With *Beginning Android 2*, you'll learn how to develop applications for Android 2.x mobile devices, using simple examples that are ready to run with your copy of the software development kit. Author, Android columnist, writer, developer, and community advocate Mark L. Murphy will show you what you need to know to get started programming Android applications, including how to craft graphical user interfaces, use GPS, and access web services.

Pro Android 4 Sams Publishing

Pro Android 4 shows you how to build real-world and fun mobile apps using the new Android SDK 4 (Ice Cream Sandwich), which unifies Gingerbread for smartphones, Honeycomb for tablets and augments further with Google TV and more. This Android 4 book updates the best selling *Pro Android 3* and covers everything from the fundamentals of building apps for embedded devices, smartphones, and tablets to advanced concepts such as custom 3D components, multi-tasking, sensors/augmented reality, better accessories support and much more. Using the tutorials and expert advice, you'll quickly be able to build cool mobile apps and run them on dozens of Android-based smartphones. You'll explore and use the Android APIs, including those for media and sensors. And you'll check out what's new with Android 4, including the improved user interface across all Android platforms, integration with services, and more. After reading this definitive tutorial and reference, you gain the knowledge and experience to create stunning, cutting-edge Android 4 apps that can make you money, while keeping you agile enough to respond to changes in the future.

Professional WordPress Plugin Development "O'Reilly Media, Inc."

Professional Android 2 Application Development John Wiley & Sons
Professional Android 2 Application Development John Wiley & Sons

Android Wireless Application Development Volume I John Wiley & Sons

Want to get started building applications for Android, the world's hottest, fast-growing mobile platform? Already building Android applications and want to get better at it? This book brings together all the expert guidance—and code—you'll need! Completely up-to-date to reflect the newest and most widely used Android SDKs, *The Android Developer's Cookbook* is the essential resource for developers building apps for any Android device, from phones to tablets. Proven, modular recipes take you from the absolute basics to advanced location-based services, security techniques, and performance optimization. You'll learn how to write apps from scratch, ensure interoperability, choose the best solutions for common problems, and avoid development pitfalls. Coverage includes: Implementing threads, services, receivers, and other background tasks Providing user alerts Organizing user interface layouts and views Managing user-initiated events such as touches and gestures Recording and playing audio and video Using hardware APIs available on Android devices Interacting with other devices via SMS, web browsing, and social networking Storing data efficiently with SQLite and its alternatives Accessing location data via GPS Using location-related services such as the Google Maps API

Building faster applications with native code Providing backup and restore with the Android Backup Manager Testing and debugging apps throughout the development cycle Turn to The Android Developer ' s Cookbook for proven, expert answers—and the code you need to implement them. It ' s all you need to jumpstart any Android project, and create high-value, feature-rich apps that sell!

Professional iPhone and iPad Application Development Pearson Education

Provides information on using Android 2 to build and enhance mobile applications, covering such topics as creating user interfaces, using intents, databases, creating and controlling services, creating app widgets, playing audio and video, telphony, and using sensors.

Android for Programmers Addison-Wesley Professional

"Get the Java skills you will need to start developing Android apps apps"--Cover.

Android Programming for Beginners Apress

"This book--a renamed new edition of Android Wireless Application Development, Volume II--is the definitive guide to advanced commercial-grade Android development, updated for the latest Android SDK. The book serves as a reference for the Android API."--

Making Musical Apps Pragmatic Bookshelf

Learn to build human-interactive Android apps, starting with device sensors This book shows Android developers how to exploit the rich set of device sensors—locational, physical (temperature, pressure, light, acceleration, etc.), cameras, microphones, and speech recognition—in order to build fully human-interactive Android applications.

Whether providing hands-free directions or checking your blood pressure, Professional Android

Sensor Programming shows how to turn possibility into reality. The authors provide techniques that bridge the gap between accessing sensors and putting them to meaningful use in real-world situations. They not only show you how to use the sensor related APIs effectively, they also describe how to use supporting Android OS

components to build complete systems. Along the way, they provide solutions to problems that commonly occur when using Android's sensors, with tested, real-world examples. Ultimately, this invaluable resource provides in-depth, runnable code examples that you can then adapt for your own applications. Shows experienced Android developers how to exploit the rich set of Android smartphone sensors to build human-interactive Android apps

Explores Android locational and physical sensors (including temperature, pressure, light, acceleration, etc.), as well as cameras, microphones, and speech recognition Helps programmers use the Android sensor APIs, use Android OS components to build complete systems, and solve common problems Includes detailed, functional code that you can adapt and use for your own applications Shows you how to successfully implement real-world

solutions using each class of sensors for determining location, interpreting physical sensors, handling images and audio, and recognizing and acting on speech Learn how to write programs for this fascinating aspect of mobile app development with Professional Android Sensor Programming.

Creating Android and iPhone Applications John Wiley & Sons

A one-of-a-kind book on Android application development with Mono for Android The wait is over! For the millions of .NET / C# developers who have been eagerly awaiting the book that will guide them through the white-hot field of Android application programming, this is the book. As the first guide to focus on Mono for Android, this must-have resource dives into writing applications against Mono with C# and compiling executables that run on the Android family of devices. Putting the proven Wrox Professional format into practice, the authors provide you with the knowledge you need to become a successful Android application developer without having to learn another programming language. You'll explore screen controls, UI development, tables and layouts, and MonoDevelop as you become adept at developing Android applications with Mono for Android. Answers the demand for a detailed book on the extraordinarily popular field of

Android application development Strengthens your existing skills of writing applications and shows you how to transfer your talents to building Android apps with Mono for Android and .NET / C# Dives into working with data, REST, SOAP, XML, and JSON Discusses how to communicate with other applications, deploy apps, and even make money in the process Professional Android Programming with Mono for Android and .NET / C# gets you up and running with Android app development today.

Beginning Android 4 Application Development John Wiley & Sons

Create applications for all major smartphone platforms Creating applications for the myriad versions and varieties of mobile phone platforms on the market can be daunting to even the most seasoned developer. This authoritative guide is written in such a way that it takes your existing skills and experience and uses that background as a solid foundation for developing applications that cross over between platforms, thereby freeing you from having to learn a new platform from scratch each time. Concise explanations walk you through the tools and patterns for developing for all the mobile platforms while detailed steps walk you through setting up your development environment for each platform. Covers all the major options from native development to web application development Discusses major third party platform development acceleration tools, such as Appcelerator and PhoneGap Zeroes in on topics such as developing applications for Android, IOS, Windows Phone 7, and Blackberry Professional Mobile Cross Platform Development shows you how to best exploit the growth in mobile platforms, with a minimum of hassle.

Professional Android John Wiley & Sons

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. 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>.

Introducing Google's Mobile Development Platform Pearson Education

The comprehensive developer guide to the latest Android features and capabilities Professional Android, 4th Edition shows developers how to leverage the latest features of Android to create robust and compelling mobile apps. This hands-on approach provides in-depth coverage through a series of projects, each introducing a new Android platform feature and highlighting the techniques and best practices that exploit its utmost functionality. The exercises begin simply, and gradually build into advanced Android development. Clear, concise

examples show you how to quickly construct real-world mobile applications. This book is your guide to smart, efficient, effective Android development. Learn the best practices that get more out of Android Understand the anatomy, lifecycle, and UI metaphor of Android apps Design for all mobile platforms, including tablets Utilize both the Android framework and Google Play services

Mastering Android Application Development John Wiley & Sons

Presents a guide to Android application development using the app-driven approach for sixteen fully tested apps that include syntax, code walkthroughs, and sample outputs.

Professional Mobile Application Development Packt Publishing Ltd

Update to the bestseller now features the latest release of the Android platform Android is a powerful, flexible, open source platform for mobile devices and its popularity is growing at an unprecedented pace. This update to the bestselling first edition dives in to cover the exciting new features of the latest release of the Android mobile platform. Providing in-depth coverage of how to build mobile applications using the next major release of the Android SDK, this invaluable resource takes a hands-on approach to discussing Android with a series of projects, each of which introduces a new feature and highlights techniques and best practices to get the most out of Android. The Android SDK is a powerful, flexible, open source platform for mobile devices Shares helpful techniques and best practices to maximize the capabilities of Android Explains the possibilities of Android through the use of a series of detailed projects Demonstrates how to create real-world mobile applications for Android phones Includes coverage of the latest version of Android Providing concise and compelling examples, Professional Android Application Development is an updated guide aimed at helping you create mobile applications for mobile devices running the latest version of Android.

Learn Android Studio John Wiley & Sons

The complete, start-to-finish guide to Android development -- from concept to market -- completely updated for the latest Android SDK! • • At least one market research firm has predicted that by 2012 there will be more Android phones than iPhones. • Covers application design, development, debugging, packaging, distribution, and much more. • Includes invaluable real-world tips from experienced mobile developers. • This book covers multiple Android SDK versions, which is how developers must work with Android. Android is rapidly gaining traction as an exciting alternative to Apple's iPhone platform, and thousands of developers are eagerly seeking the information they need to begin creating Android applications. Drawing on their experience in mobile and wireless software development, the authors walk through the entire process of developing successful Android applications, from concept through coding, testing through distribution. The only book developers will need, Android Wireless Application Development 2/e is the comprehensive resource for developers who are new to Android - or to wireless development in general. Conder and Darcey cover: • • Mastering the Android development environment. • Understanding the entire Android application lifecycle. • Building effective user interfaces. • Using Android's APIs for networking, location-based services, data, storage, multimedia, telephony, graphics, and more • Working with Android's optional hardware-specific APIs • Designing more effective applications using Notifications and Services • Developing and testing bulletproof Android applications The book also provides valuable appendices on Android's Emulator, DDMS, Debug Bridge, and SQLite database, as well as a convenient glossary that demystifies the terminology of mobile development.

Real-time audio synthesis on Android and iOS John Wiley & Sons

Learn all the Java and Android skills you need to start making powerful mobile applications

About This Book Kick-start your Android programming career, or just have fun publishing apps to the Google Play marketplace A first-principles introduction to Java, via Android, which means you'll be able to start building your own applications from scratch Learn by example and build three real-world apps and over 40 mini apps throughout the book Who This Book Is For Are you trying to start a career in programming, but haven't found the right way in? Do you have a great idea for an app, but don't know how to make it a reality? Or maybe you're just frustrated that

“ to learn Android, you must know java. ” If so, Android Programming for Beginners is for you.

You don't need any programming experience to follow along with this book, just a computer and a sense of adventure. What You Will Learn Master the fundamentals of coding Java for Android Install and set up your Android development environment Build functional user interfaces with the Android Studio visual designer Add user interaction, data captures, sound, and animation to your apps Manage your apps' data using the built-in Android SQLite database Find out about the design patterns used by professionals to make top-grade applications Build, deploy, and publish real Android applications to the Google Play marketplace In Detail Android is the most popular OS in the world. There are millions of devices accessing tens of thousands of applications. It is many people's entry point into the world of technology; it is an operating system for everyone. Despite this, the entry-fee to actually make Android applications is usually a computer science degree, or five years' worth of Java experience. Android Programming for Beginners will be your companion to create Android applications from scratch—whether you're looking to start your programming career, make an application for work, be reintroduced to mobile development, or are just looking to program for fun. We will introduce you to all the fundamental concepts of programming in an Android context, from the Java basics to working with the Android API. All examples are created from within Android Studio, the official Android development environment that helps supercharge your application development process. After this crash-course, we'll dive deeper into Android programming and you'll learn how to create applications with a professional-standard UI through fragments, make location-aware apps with Google Maps integration, and store your user's data with SQLite. In addition, you'll see how to make your apps multilingual, capture images from a device's camera, and work with graphics, sound, and animations too. By the end of this book, you'll be ready to start building your own custom applications in Android and Java. Style and approach With more than 40 mini apps to code and run, Android Programming for Beginners is a hands-on guide to learning Android and Java. Each example application demonstrates a different aspect of Android programming. Alongside these mini apps, we push your abilities by building three larger applications to demonstrate Android application development in context.

Android Essentials Prentice Hall

Everything you need to create top-notch applications for the iPhone and iPad Developers have demanded an advanced guide to using the very latest version of the iPhone and iPad SDK to develop applications-and this book answers that call! Packed with over twenty complete standalone applications that are designed to be recreated, rebuilt, and reused by the professional developer, this resource delves into the increasingly popular world of application development and presents step-by-step guidance for creating superior apps for the iPhone and iPad. You'll explore the many developer tools and learn how to use them and you'll also discover how to apply the techniques learned, to real world situations. With coverage of the latest version of the iPhone and iPad SDK and the quantity of standalone applications, this book will serve as a tremendous go-to reference in the future. Coverage includes: Navigation Alerts, Action Sheets, and Modal Views Custom Table Views The Split View Touch Events Notification Processing Networking Concepts Multimedia Application Preferences Data Storage The Pasteboard Unit Testing Performance Tuning and Optimization Integrating iAds Multitasking Professional iPhone and iPad Application Development is the only advanced-level resource you need for creating top-quality applications!

The Android Developer's Cookbook Pearson Education

A practical guide to developing and deploying Near Field Communication (NFC) applications There has been little practical guidance available on NFC programming, until now. If you're a programmer or developer, get this unique and detailed book and start creating apps for this exciting technology. NFC enables contactless mobile communication between two NFC-compatible devices. It's what allows customers to pay for purchases by swiping their smartphones with Google Wallet, for example. This book shows you how to develop NFC applications for Android, for all NFC operating modes: reader/writer, peer-to-peer, and card emulation. The book starts with the basics of NFC technology, an overview of the Android OS, and what you need to know about the SDK tools. It then walks you through all aspects of NFC app development, including SE programming. You'll find all you need to create an app, including functioning, downloadable code and a companion website with additional content. Valuable case studies help you understand each operating mode in clear, practical detail. Shows programmers and developers how to develop Near Field Communication (NFC) applications for Android, including Secure Element (SE) programming Expert authors are NFC researchers who have a deep knowledge of the subject Covers app development in all NFC operating modes: reader/writer, peer-to-peer, and card emulation Includes valuable case studies that showcase several system design and analysis methods, such as activity diagram, class diagram, UML, and others Professional NFC Application Development for Android offers the clear, concise advice you need to create great applications for this emerging and exciting technology. Building Applications with the Android SDK Routledge

A hands-on guide to building mobile applications, Professional Android Application Development features concise and compelling examples that show you how to quickly construct real-world mobile applications for Android phones. Fully up-to-date for version 1.0 of the Android software development kit, it covers all the essential features, and explores the advanced capabilities of Android (including GPS, accelerometers, and background Services) to help you construct increasingly complex, useful, and innovative mobile applications for Android phones. What this book includes An introduction to mobile development, Android, and how to get started. An in-depth look at Android applications and their life cycle, the application manifest, Intents, and using external resources. Details for creating complex and compelling user interfaces by using, extending, and creating your own layouts and Views and using Menus. A detailed look at data storage, retrieval, and sharing using preferences, files, databases, and Content Providers. Instructions for making the most of mobile portability by creating rich map-based applications as well as using location-based services and the geocoder. A look at the power of background Services, using threads, and a detailed look at Notifications. Coverage of Android's communication abilities including SMS, the telephony APIs, network management, and a guide to using Internet resources Details for using Android hardware, including media recording and playback, using the camera, accelerometers, and compass sensors. Advanced development topics including security, IPC, advanced 2D / 3D graphics techniques, and user – hardware interaction. Who this book is for This book is for anyone interested in creating applications for the Android mobile phone platform. It includes information that will be valuable whether you're an experienced mobile developer or making your first foray, via Android, into writing mobile applications. It will give the grounding and knowledge you need to write applications using the current SDK, along with the flexibility to quickly adapt to future enhancements.