The Android Developer's Cookbook: Building Applications with the Android SDK: Building Applications with the Android SDK (Developer's Library)

By James Steele, Nelson To

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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.

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- 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!

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- Sales Rank: #1253502 in Books

- Published on: 2010-10-27
- Original language: English
- Number of items: 1
- Dimensions: 9.00" h x .74" w x 7.00" l, 1.24 pounds
- Binding: Paperback
- 400 pages

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Editorial Review

About the Author

James Steele was doing post-doctoral work in physics at MIT when he decided to join a startup in Silicon Valley. Fifteen years later and he continues to innovate, bringing research projects to production in both the consumer and mobile market. He actively presents and participates in various Silicon Valley new technology groups.

Nelson To has more than ten applications of his own in the Android Market. He also has worked on enterprise Android applications for Think Computer, Inc. (PayPhone),AOL (AIM), Stanford University (Education App), and Logitech (Google TV). He also assists in organizing the SiliconValley Android Meetup Community and teaches Android classes both in the Bay Area and China.

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