

Android Application Development Black Book™

(with KitKat Support)



The book, **Android Application Development Black Book**, is a one-time reference book that covers all aspects of Android application development in an easy-to-understand approach—for example, how to design user interface by using Views and ViewGroups, how to persistently store data by using content providers, how to design mobile applications displaying pictures and menus by using Views, how to develop Android mobile applications for sending messages and e-mails, how to work with location services and maps, how to run background services in the mobile applications, how to develop applications supporting audio, video, and camera of a mobile device, etc. The book explores these concepts with appropriate examples and executable applications.

ISBN: 9789351194095

Pages: 580

Price: 549/-

Authors: Pradeep Kothari, KLSI

What is in this book for you

- ◆ Introducing Java—Helps you to learn about fundamentals of Java programming
- ◆ Activities and Intents—Help you to perform an operation such as making a call, capturing a photo, sending a message or viewing a map in a mobile application
- ◆ User Interface Using Views and ViewGroups—Helps you to design various types of layouts, such as linear, relative, and table
- ◆ Pictures and Menus with Views—Allow you to display images as thumbnails in the grid view or change an image by using the ImageSwitcher view
- ◆ SQLite Database—Allows you to store data of a mobile application persistently
- ◆ Shared Preferences—Allow you to store primitive data through key-value pairs
- ◆ Intent class and Setting the ACTION_SEND intent—Help you to send an SMS programmatically
- ◆ The GoogleMaps API—Helps you to work with maps and location services in an Android application
- ◆ The Drawable Class—Helps you to develop animation-based applications for Android 4
- ◆ The Get and Post Methods—Help you to establish network connections for downloading binary data and images
- ◆ Audio, Video, and Camera API—Allow you to create a sound pool or videos and play them one by one by using media player
- ◆ Threads and Services Support—Help you to work with various types of services and their life cycles
- ◆ Bluetooth, NFC, and Wi-Fi APIs—Help you to develop applications to transfer data from one device to another through wireless technologies
- ◆ Telephony and SMS APIs—Help you to develop Android applications by using the TelephonyManager and SmsManager classes
- ◆ Hardware Sensors API—Helps you to develop applications to use the sensors, such as accelerometer, of the Android devices
- ◆ Widgets and Live Wallpapers Development—Helps you to create **and more...**

About the Author

Pradeep Kothari holds the B.E. degree in Electronics and Communication and has about 9 years of industry experience in developing, architecting, and deploying enterprise-level mobile technological product and solutions for Windows mobile, J2ME, Android, and iOS based devices while working in some top technology companies in the domain of Telecom, Gaming, Mobile content solutions, and Education technology. Pradeep started his software career writing Mobile apps for Pocket PC 2003 (early version of windows mobile) in the early days of evolution of smart phones. He then progressed to Android and iOS programming for handheld devices. He also provided consulting to some top technology companies like Lionbridge Inc. and Microsoft Learning. Currently, he is a Ph.D. researcher in the field of mobility and a Technical Manager with a technology company, where he is leading a team in designing and developing cutting edge enterprise mobile products for mobile phones as well as tablets.

Published by:

DREAMTECH PRESS
19-A, Ansari Road, Daryaganj
New Delhi-110 002, INDIA
Tel: +91-11-2324 3463-73, Fax: +91-11-2324 3078
Email: feedback@dreamtechpress.com
Website: www.dreamtechpress.com



Regional Offices: Bangalore: Tel: +91-80-2313 2383, Fax: +91-80-2312 4319, Email: blrsales@wiley.com
Mumbai: Tel: +91-22-2788 9263, 2788 9272, Telefax: +91-22-2788 9263, Email: mumsales@wiley.com

WILEY INDIA PVT. LTD.

4435-36/7, Ansari Road, Daryaganj
New Delhi-110 002, INDIA
Tel: +91-11-4363 0000, Fax: +91-11-2327 5895
Email: csupport@wiley.com
Website: www.wileyindia.com

Exclusively
Distributed by:

WILEY