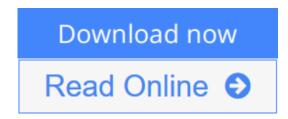# Android Development Patterns: Best Practices for Professional Developers (Developer's Library)

By Phil Dutson

Android Development Patterns: Best Practices for Professional Developers (Developer's Library) By Phil Dutson

"A must read for all developers that want to begin serious Android development."
—**Justin Anderson**, Freelance Android Developer

"From start to finish, this book contains a variety of great tips and insight into the most important attributes of Android design. This book will definitely be required reading for any of our future Android engineers."
—**Cameron Banga**, Cofounder, 9magnets, LLC

There's a downside to Android's amazing openness and versatility: it's easy for developers to write code that's inefficient, unreliable, insecure, or hard to maintain. In *Android Development Patterns*, **enterprise Android developer Phil Dutson helps you leverage Android 5.0+'s amazing power without falling victim to those pitfalls. Dutson presents today's most comprehensive set of patterns and procedures for building optimized, robust apps with Android 5.0+.**

First, Dutson guides you through establishing a highly efficient development environment and workflow, and testing your app to ensure that your code works just as you expect. Then, he walks through the modern best practices for structuring apps, using widgets and components, and working with views.

You learn how to build apps that are easy to manage and update, deliver accurate and up-to-date information without wasting precious battery power, and take advantage of new hardware, such as Android Wear and Android TV. Dutson concludes by presenting powerful strategies for optimizing your apps and packaging them for distribution.

Coverage includes

• Using testing to build more trustworthy, dependable, maintainable apps

- Understanding subtle but critical differences between Android and traditional Java programming
- Building consistent, modern user interfaces with views and layouts
- Leveraging the proven MVC pattern to cleanly organize logic
- Creating rich visual experiences with 3D graphics, animation, and media
- Simplifying capture and use of location data with the new Locations API
- Integrating optional hardware, such as Bluetooth, NFC, or USB
- Building better apps with Google Play Services
- Creating Android Wear notifications and apps
- Tuning and improving apps with Google Analytics
- Designing Android TV apps for the "ten foot view"

informit.com/aw https://github.com/dutsonpa/adp-files

⬇ Download Android Development Patterns: Best Practices for P ...pdf

▤ Read Online Android Development Patterns: Best Practices for ...pdf

Android Development Patterns: Best Practices for Professional Developers (Developer's Library)

By Phil Dutson

Android Development Patterns: Best Practices for Professional Developers (Developer's Library) By Phil Dutson

"A must read for all developers that want to begin serious Android development."
—**Justin Anderson**, Freelance Android Developer

"From start to finish, this book contains a variety of great tips and insight into the most important attributes of Android design. This book will definitely be required reading for any of our future Android engineers."
—**Cameron Banga**, Cofounder, 9magnets, LLC

There's a downside to Android's amazing openness and versatility: it's easy for developers to write code that's inefficient, unreliable, insecure, or hard to maintain. In *Android Development Patterns*, **enterprise Android developer Phil Dutson helps you leverage Android 5.0+'s amazing power without falling victim to those pitfalls. Dutson presents today's most comprehensive set of patterns and procedures for building optimized, robust apps with Android 5.0+.**

First, Dutson guides you through establishing a highly efficient development environment and workflow, and testing your app to ensure that your code works just as you expect. Then, he walks through the modern best practices for structuring apps, using widgets and components, and working with views.

You learn how to build apps that are easy to manage and update, deliver accurate and up-to-date information without wasting precious battery power, and take advantage of new hardware, such as Android Wear and Android TV. Dutson concludes by presenting powerful strategies for optimizing your apps and packaging them for distribution.

Coverage includes

- Using testing to build more trustworthy, dependable, maintainable apps
- Understanding subtle but critical differences between Android and traditional Java programming
- Building consistent, modern user interfaces with views and layouts
- Leveraging the proven MVC pattern to cleanly organize logic
- Creating rich visual experiences with 3D graphics, animation, and media
- Simplifying capture and use of location data with the new Locations API
- Integrating optional hardware, such as Bluetooth, NFC, or USB
- Building better apps with Google Play Services
- Creating Android Wear notifications and apps
- Tuning and improving apps with Google Analytics
- Designing Android TV apps for the "ten foot view"

informit.com/aw https://github.com/dutsonpa/adp-files

Android Development Patterns: Best Practices for Professional Developers (Developer's Library) By Phil Dutson Bibliography

- Sales Rank: #2326387 in Books
- Brand: imusti
- Published on: 2016-03-05
- Original language: English
- Number of items: 1
- Dimensions: 8.90" h x .80" w x 6.90" l, .0 pounds
- Binding: Paperback
- 320 pages

⬇ Download Android Development Patterns: Best Practices for P ...pdf

🗎 Read Online Android Development Patterns: Best Practices for ...pdf

Download and Read Free Online Android Development Patterns: Best Practices for Professional Developers (Developer's Library) By Phil Dutson

Editorial Review

About the Author

Phil Dutson is a Solution Architect over client-side and mobile implementation for one of the world's largest e-commerce retailers in fitness equipment. He has been collecting and developing for mobile devices since he got his hands on a US Robotics Pilot 5000. He is the author of *Sams Teach Yourself jQuery Mobile in 24 Hours* (Sams, July 2012), *jQuery, jQuery UI, and jQuery Mobile: Recipes and Examples* (Pearson, November 2012), *Android Developer's Cookbook, Second Edition* (Pearson, July 2013), and *Responsive Mobile Design* (Addison-Wesley Professional, September 2014).

Users Review

From reader reviews:

Peter Clark:

Do you have favorite book? In case you have, what is your favorite's book? Reserve is very important thing for us to know everything in the world. Each publication has different aim or even goal; it means that book has different type. Some people truly feel enjoy to spend their time for you to read a book. They can be reading whatever they have because their hobby is definitely reading a book. Why not the person who don't like studying a book? Sometime, individual feel need book after they found difficult problem or exercise. Well, probably you'll have this Android Development Patterns: Best Practices for Professional Developers (Developer's Library).

Kim Townsend:

Now a day those who Living in the era everywhere everything reachable by match the internet and the resources within it can be true or not demand people to be aware of each data they get. How many people to be smart in getting any information nowadays? Of course the correct answer is reading a book. Studying a book can help folks out of this uncertainty Information mainly this Android Development Patterns: Best Practices for Professional Developers (Developer's Library) book because book offers you rich data and knowledge. Of course the details in this book hundred per-cent guarantees there is no doubt in it everbody knows.

Joseph Griego:

Reading can called head hangout, why? Because while you are reading a book specifically book entitled Android Development Patterns: Best Practices for Professional Developers (Developer's Library) your brain will drift away trough every dimension, wandering in each and every aspect that maybe not known for but surely will end up your mind friends. Imaging every word written in a reserve then become one form conclusion and explanation this maybe you never get before. The Android Development Patterns: Best Practices for Professional Developers (Developer's Library) giving you yet another experience more than

blown away your head but also giving you useful information for your better life with this era. So now let us teach you the relaxing pattern this is your body and mind is going to be pleased when you are finished reading it, like winning a. Do you want to try this extraordinary shelling out spare time activity?

Aaron Tolleson:

As a scholar exactly feel bored to be able to reading. If their teacher inquired them to go to the library in order to make summary for some e-book, they are complained. Just tiny students that has reading's heart or real their pastime. They just do what the professor want, like asked to the library. They go to there but nothing reading very seriously. Any students feel that looking at is not important, boring in addition to can't see colorful pictures on there. Yeah, it is to become complicated. Book is very important to suit your needs. As we know that on this era, many ways to get whatever you want. Likewise word says, many ways to reach Chinese's country. Therefore , this Android Development Patterns: Best Practices for Professional Developers (Developer's Library) can make you really feel more interested to read.

Download and Read Online Android Development Patterns: Best Practices for Professional Developers (Developer's Library) By Phil Dutson #MW2JNETAI97

Read Android Development Patterns: Best Practices for Professional Developers (Developer's Library) By Phil Dutson for online ebook

Android Development Patterns: Best Practices for Professional Developers (Developer's Library) By Phil Dutson Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Android Development Patterns: Best Practices for Professional Developers (Developer's Library) By Phil Dutson books to read online.

Online Android Development Patterns: Best Practices for Professional Developers (Developer's Library) By Phil Dutson ebook PDF download

Android Development Patterns: Best Practices for Professional Developers (Developer's Library) By Phil Dutson Doc

Android Development Patterns: Best Practices for Professional Developers (Developer's Library) By Phil Dutson Mobipocket

Android Development Patterns: Best Practices for Professional Developers (Developer's Library) By Phil Dutson EPub