

# Embedded Android



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Looking to port Android to other platforms such as embedded devices? This hands-on book shows you how Android works and how you can adapt it to fit your needs. You'll delve into Android's architecture and learn how to navigate its source code, modify its

various components, and create your own version of Android for your particular device. You'll also discover how Android differs from its Linux roots. If you're experienced with embedded systems development and have a good handle on Linux, this book helps you mold Android to hardware platforms other than mobile devices. Learn about Android's development model and the hardware you need to run it Get a quick primer on Android internals, including the Linux kernel and Dalvik virtual machine Set up and explore the AOSP without hardware, using a functional emulator image Understand Android's non-recursive build system, and learn how to make your own modifications Use evaluation boards to prototype your embedded Android system Examine the native user-space, including the root filesystem layout, the adb tool, and Android's command line Discover how to interact with - and customize - the Android Framework

作者介绍:

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## 标签

Android

Embedded

计算机

O'Reilly

计算机科学

移植

Android源码分析

程序设计

## 评论

非常详尽，如果有相关android嵌入式系统开发的话非常值得一读

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Android 平台开发必读。

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匆匆看了一遍，很棒，就差binder了

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角度和现在国内讲源码的书不同，更多从外部来讲Android。各个层级都有涉及，对于编译相关以及添加自定义service之类的内容都有比较详细的实例说明。可以在看源码之前看这本，格局比较大。

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没有我想象的好，信息量不够大

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简单来说这本书是适用于想要把Android移植到新硬件上的人。。。内容详略得当，可惜并不完全是我需要的。。。

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由于Android internal的材料稀少，这本书的内容对于阅读源码来说应该比较有帮助，虽然才是短短的200页。现在只是读完了Early Release版120页。坐等最终版的发布。

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能把Android系统讲清楚的书。

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基于旧版本安卓的，但道理相同，写的很好

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## 书评

开年第一个月，花了一个多月的时间读完这本书。写了笔记，然后分享给团队。希望对大伙有用。 这本书有以下看点和注意点：

1.从嵌入式角度介绍Android。除了对Android的开发模型、生态、架构设计、硬件、kernel/AOSP(native,HAL,Dalvik,Framework, etc)等众多内容的介绍外， ...

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