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# High Performance Android Apps: Improve Ratings With Speed, Optimizations, And Testing



## Synopsis

Unique and clever ideas are important when building a hot-selling Android app, but the real drivers for success are speed, efficiency, and power management. With this practical guide, youâ€™ll learn the major performance issues confronting Android app developers, and the tools you need to diagnose problems early. Customers are finally realizing that apps have a major role in the performance of their Android devices. Author Doug Sillars not only shows you how to use Android-specific testing tools from companies including Google, Qualcomm, and AT&T, but also helps you explore potential remedies. Youâ€™ll discover ways to build apps that run well on all 19,000 Android device types in use. Understand how performance issues affect app sales and retention. Build an Android device lab to maximize UI, functional, and performance testing. Improve the way your app interacts with device hardware. Optimize your UI for fast rendering, scrolling, and animations. Track down memory leaks and CPU issues that affect performance. Upgrade communications with the server, and learn how your app performs on slower networks. Apply Real User Monitoring (RUM) to ensure that every device is delivering the optimal user experience.

## Book Information

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