

Learn about Robotium and apply it to test applications on Android.

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Abstract: This topic aims to explore the automated testing tool Robotium and its application in testing mobile applications on the Android platform. The context of the topic stems from the necessity to enhance testing performance for modern mobile products, using a research method that combines theory and experimentation to build a reliable testing system. The expected result is that the implementation of Robotium will help improve the Android application testing process, enhance product quality, and save time in the software development process.

Keywords: Robotium, Automated Testing, Android, Mobile Platform, Testing Performance