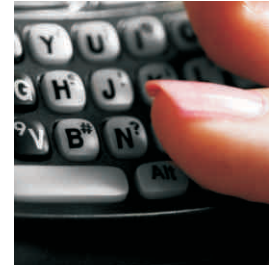




Android Test Automation Framework (ATAF)

Keeping Pace With Your Android Strategy



The advent of Android operating system has changed several equations in mobile communication industry landscape. The royalty free operating system with its full suite of interfaces, open-source nature and open market has made it equally favorite among hardware manufacturers & software vendors.

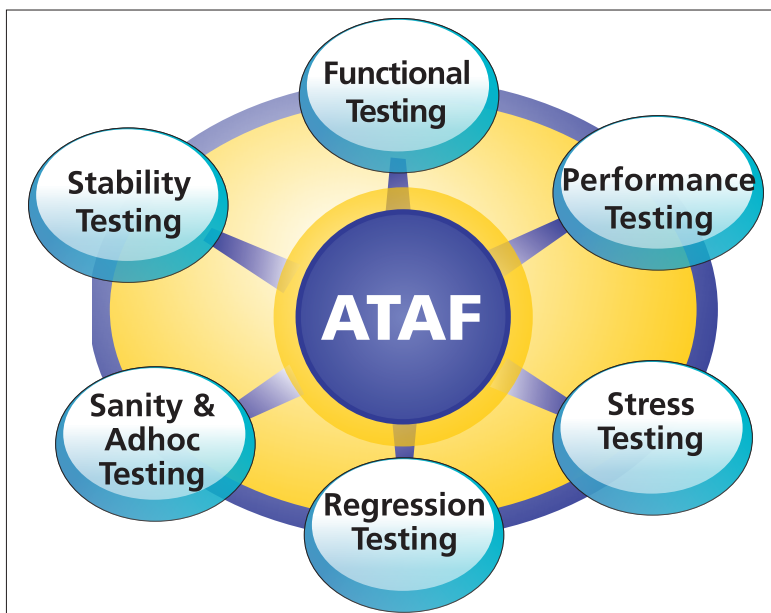
As per Gartner's predictions, Android will be world's 2nd most popular Smartphone platform by 2012. With over 30 devices and 38,000+ apps (as on Q1 2010) and the numbers growing exponentially, quick time-to-market has become topmost priority for all stakeholders.

Device testing represents the largest portion of the development schedule. Reductions in the testing cycle correlate to faster launch time. L&T InfoTech's Android Test Automation Framework (ATAF) is a scalable test solution that can reduce development costs, improve quality, and decrease testing cycle time significantly.

What is ATAF?

L&T Infotech's Android Test Automation Framework (ATAF) is a test tool based on android Open Source tools and Python scripting language. ATAF has the facility to test the interaction scenarios for Android based mobile devices. The framework executes the test automation scripts on the device and captures the result in structured format.

ATAF can operate either in Remote mode or in Standalone mode, and the test coverage supported is as depicted below:



Benefits

- User-Friendly GUI
- Easy-to-use tool, needs very little learning time
- Scalable interface architecture
- Minimizes testing time, thus reducing time to market and testing costs
- Many Tests, One Report
- Re-usable test scenarios

Key Features

- Operating Modes:
 - Remote Mode: From PC to device
 - Standalone Mode: On device
- Tests for Multiple Device Interaction scenarios
- Record & Playback support
- Multiple scenarios execution
- User friendly Test Report generation (eg.HTML format)
- 400+ repository of interaction scenarios

