

Appium Extension

Perfecto has extended Appium to make it truly enterprise-ready

Mobile app dev teams are adopting Appium. Its appeal is easy to understand as developers take on testing responsibility and QA professionals increasingly have development skills. With Appium, test automation can be written in the IDE and language of choice, lowering adoption barriers and fitting in seamlessly with existing tools and expertise.

Appium satisfies key requirements:

- Automated iOS and Android testing
- Familiar library based on Selenium Remote WebDriver
- Support for native, hybrid and mobile web browser testing
- Develop tests in any language
- Open source

However, as app development groups work on larger projects and consider standardizing on Appium, additional requirements emerge. The requirements fall into three categories:

1. Stronger automated testing controls
2. Functions to mimic real end-user environments
3. Support for the unique needs of larger enterprises

Recognizing these needs, Perfecto re-implemented the Appium server to fulfill these three requirements without the need to make any code changes. Perfecto's Appium extension also supports the broader trend of moving a lab to the cloud, virtually eliminating the need to manage real devices locally. Shifting to the cloud also overcomes common scaling and stability challenges of testing on more devices more frequently.

Key Benefits of Perfecto Mobile's Appium Extension

Leverage what you now – You have experience with Selenium Remote WebDriver, popular programming languages and IDEs, making it easier to transition smoothly to Perfecto Mobile's Appium Extension.

Zero lab setup – Extending Appium is easy as 1-2-3 by leveraging our cloud-based CQ Lab. Simply select the Appium server, pick your real devices, and start functional testing.

Recreate real user conditions – Use Appium within our CQ Lab to test applications that mimic real end-user environments such as network conditions and location changes.

Key Features

Full Device and App Context Support

Maximize test scenario coverage by addressing complex use cases from within and outside the app being tested.

Device and App Agnostic Scripting

Test across diverse device/OS combinations and mobile application types (native, hybrid, HTML5).

New Capabilities

Device Controls

- Device operations enable more robust automation including install-start-stop-uninstall applications, browser open/close, and device restart

Network virtualization

- Execute tests across ideal and degraded conditions

Object identification

- OCR & Image based validation

Reporting

- Device log & vitals
- Step by step visual and video reports for easy debugging

Leverage what you know.



Better Automation	System Level Control	Parallel & Cross Platform Execution	OCR & Image Objects Recognition	Rich Reporting
Mimic Real User Environment	GPS Injection	Network Virtualization	Single User Performance	Hybrid Cloud Global Coverage
Get Enterprise Grade	Enterprise Security	24x7 Support	Scalable & Flexible	Roles & Permissions
OPEN SOURCE NOW ENTERPRISE READY				

Perfecto Mobile is supporting Appium within its Continuous Quality Lab to help make Appium enterprise-grade.

To learn more, please visit us at www.perfectomobile.com or call us at 781-205-4111.