**4 Best Mobile Testing Tools for Android & iOS App**

Mobile Testing Tools help you automate testing of your Android and iOS Apps. These Mobile Application testing software can reduce the time needed for the testing process and the chances of human errors during test execution.
Following is a handpicked list of Top Mobile Automation Tools, with their popular features:

### Appium (iOS/Android Testing Tool)



Appium is an open source, and a cross platform Mobile App Testing Tool for the hybrid and native iOS, it supports Android versions from 2.3 onwards. Appium works like a server running in the background like selenium server.

It supports many programming languages, such as Java, Ruby, C# and other which are in the WebDriver library. Appium utilizes WebDriver interface for tests running

Appium automates Android using the UIAutomator library, which is given by Google as part of the Android SDK. On mobile devices, it can control Safari and Chrome. It can be synchronized with testing framework TestNG. In this case, UI Automator can produce informative and detailed reports, similar to reports generated by Ranorex

**Appium Benefits**

* Due to the use of standard automation APIs on all platforms, you don't have to modify or recompile your app in any way
* You can use any web-driver compatible language (Java, Objective-C, JavaScript) to write test case
* You can use any testing framework
* Easy to setup on a different platform
* Supports various languages like Ruby, Java, PHP, Node, Python
* It does not require anything to be installed on the device
* You can still use Selenium Webdriver JSON wire protocol
* You don't have to re-compile mobile app on a different platform
* With the help of Java, it can be integrated with other tools

#### Pros

* Simple yet powerful free tool.
* Access to SeeTest’s device cloud on paid plans.
* Open Source.

#### Cons

* Limited integrations

#### Pricing

* Appium Studio is free for up to two users without the ability to test on remote devices.
* The enterprise plan unlocks remote testing for unlimited users and you have to contact Experitest for a quote.
* Appium Studio is also available through Experitest’s device cloud solution, SeeTest, on the automate plan which costs $249/month.

### Selendroid



selendroid is a test automation framework that drives off the UI of Android native and hybrid applications (apps) and the mobile web. Using the Selenium 2 client API tests are written.

**Benefits of Selendroid**

* It is fully compatible with JSON wire protocol
* No alteration of app under test is needed to automate it
* Same concept for automating native or hybrid apps
* By different locator types, UI elements can be found
* It can interact with multiple Android devices at the same time
* Selendroid supports hot plugging of hardware devices
* By different locator types, UI elements can be found

Selendroid comes with a useful tool known as Selenium Inspector. It allows you to inspect the current state of your app's UI.

##### **Pros**

* Open Source
* Interaction with multiple devices
* User-friendly

##### **Cons**

* Not many

3)TestProject



If you're new to software test automation and are seeking a free platform with a robust community around it, you can't go wrong with [Testproject.io](https://github.com/testproject-io).

It's built on two open source tools (Selenium and Appium) with the goal of enticing new testers and allowing them to run tests using commonly used automation actions.

**Major features:**

* Supports multiple languages, including Python, JavaScript, Java, C++, and more
* Enables seamless sharing of software tests and APIs with testers around the globe
* Includes features including test recording, global automation grid, and automation building blocks to support QA testers who are new to programming