

MobileCloud™ WebDriver

WebDriver now supports all mobile application styles



The pursuit of delivering better software faster is driving developers to test earlier and increase test frequency. Developers and QA teams familiar with Eclipse and Selenium can now leverage existing expertise to automate cross-platform unit, build acceptance and regression testing. The MobileCloud™ WebDriver delivers the full capabilities of the open source Java test framework – Selenium – combined

with the full functionality of the Perfecto Mobile device-as-a-service offering and SriptOnce automation capabilities.

Developers familiar with WebDriver now have a single approach for device-agnostic mobile app testing using real devices. The MobileCloud™ WebDriver implementation fully extends Selenium's browser-only functionality to mobile, with support for **browser, native & hybrid applications**. The offering provides expanded support for interacting with mobile devices and includes capabilities such as device control and operation, full mobile engagement support and full image and object analysis regardless of app style.

Perfecto Mobile provides a MobileCloud™ for Eclipse plug-in that lets users work with the device, record operations and run their test in a convenient way all from within Eclipse. All Eclipse capabilities, such as code re-factoring and step-by-step debugging, can be performed. The Java code can run as a standalone Java application and can be executed from different testing frameworks such as TestNG or JUnit. Teams can also include automated tests as part of their continuous integration process.

BENEFITS

DESIGNED FOR AN AGILE WORKFLOW	Automate cross platform testing with familiar tools, driving quick time to value
EARLIER BUG DETECTION	Get immediate test report with image and video capture to analyze slipped bugs and shorten TTM
TEST FROM ANYWHERE USING REAL DEVICES LOCATED ANYWHERE	SaaS platform supports on/near/off shoring of test teams with real-time online device video sharing of test execution. Share rich media reports documenting test results between distributed teams.

DEVELOP AND TEST
ANY MOBILE APP STYLE

Test from within Eclipse on real carrier-connected devices, use Selenium WebDriver best practices to accelerate release cycles and deliver better mobile apps faster

KEY FEATURES

FULL XPATH SUPPORT

Enables identifying and locating any mobile object regardless of app style

DEVICE & APP STYLE AGNOSTIC SCRIPTING

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

NEW CAPABILITIES

Device under test information (log & device vitals)

Visual based checkpoints for image and text objects validation

Visual and video reports for easy debugging

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

User Interaction types – Exercise the full range mobile end user interaction methods including type text, swipe, rotate, short & long key press

APP STYLE AGNOSTIC

Use the best of both visual and object analysis



MobileCloud WebDriver Sample Script within Eclipse IDE

To learn more please visit us at www.perfectomobile.com or call us at **781.205.4111**.



Perfecto Mobile is transforming the way enterprise organizations go mobile, enabling them to develop, test, deploy and monitor their mobile applications and services and go-to-market with confidence. Perfecto Mobile's cloud-based MobileCloud Platform and end-to-end mobile quality product suite enables users to remotely access a large selection of real mobile devices connected to cellular networks around the world and leverage them throughout the mobile application delivery lifecycle – from development, functional and performance testing to monitoring and support. The MobileCloud™ is available either in an enterprise private cloud or a sharable public cloud environment.