

Silk Test Mobile

Micro Focus Silk Test® Mobile is a reliable, efficient test automation solution for functional and regression testing of mobile applications. The ability to create automated tests without coding enables software testers to keep up with the pace of development, and developers to create tests in their choice of IDE.

Silk Test Mobile automation is effective for regression, cross-platform, and localization testing. Silk Test Mobile provides mobile testing support for Android and iOS based applications on real physical devices or simulators/emulators.

Silk Test Mobile includes an innovative recorder to create tests in minutes. Tests can be executed without modifications on the actual mobile device or any simulator/emulator. Tests

are represented visually so no coding skills are required, or as actual Java/.NET scripts to enable developer-powered functions.

Tests are executed quickly and reliably across mobile devices. Silk Test Mobile represents the real end-user experience, as gestures like multi-touch and swipe are supported, with no need for modifications to the mobile application just to enable testing.

Key Benefits

- Use test automation and process efficiency to accelerate the speed of mobile testing
- Facilitate collaborative test design, regardless of technical skillset
- Lower the cost and complexity of testing hundreds of user configurations
- Embed testing into Continuous Delivery workflows

Supported Environments

Browser Technologies

- AJAX (Angular, Knockout, React, ExtJS), HTML5, DHTML

Mobile Web Browsers

- Safari on iOS
- Chrome and Stockbrowser on Android

Mobile Platforms

- iOS
- Android

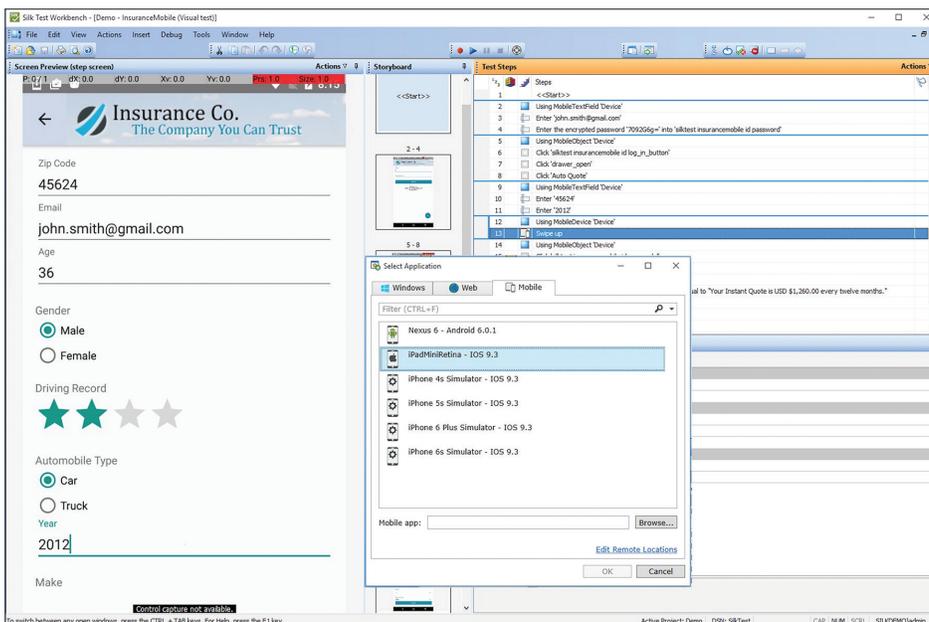


Figure 1. Mobile Testing

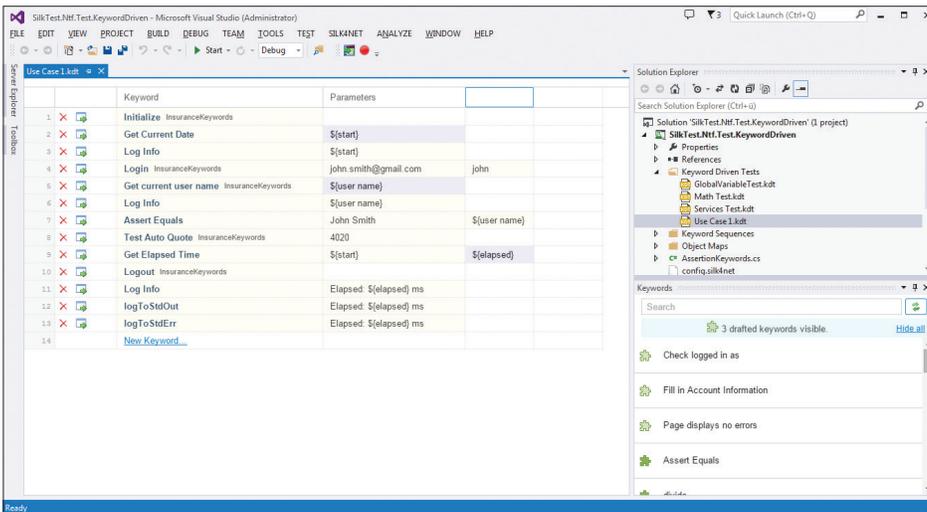


Figure 2. Business focused testing

Reduce Maintenance of Mobile Test Scripts

Test automation increases test team productivity, but maintaining test scripts can be time consuming. Silk Test Mobile provides object recognition capabilities that have been specialized for mobile testing needs, such as the ability to separate the test script from the object recognition mechanism, to dramatically reduce script maintenance.

Share Devices Across the Organization

Securely share mobile devices across an organization to leverage all devices, wherever they are. Silk Test will access any remote device as if it is locally connected. Centralize device management and provide global access within the organization's secure private network to support the 'follow the sun' needs of a globally-distributed test team.

Facilitate Business and Technical Stakeholder Collaboration

Functional testing must capture every aspect of your application. Business-focused testing enables business focused stakeholders, such as business analysts and domain experts, as well as technical, like developers or testers, to seamlessly work together—whether it is a simple unit

test or a complex business workflow. Silk Test Mobile keeps test design separate from test implementation to enhance productivity and collaboration between users.

Include All Stakeholders in Test Creation, Regardless Of Their Skill-Set

Silk Test Mobile has the right interface for any user type. The Visual Testing interface of the Silk Test Workbench is the ideal starting point for business-focused people who don't want to write code to test their application. Silk4J is an Eclipse plugin that allows Java developers the create tests using their daily used environment and leverage all the capabilities of an IDE. Silk4NET is the pendant for .NET developers and integrates with Visual Studio. Silk Test Mobile provides the same testing capabilities no matter which interface is chosen.

Support for Rapid Release Cycles

Today's release cycles are rapidly increasing, and the testing process is often reduced for the sake of rapid delivery. Silk Test Mobile's execution is among the fastest in the industry, with optimizations based on native implementation of search algorithms and complex caching mechanisms. No longer make trade-offs between quality, feature-set and time.



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