

HIGH REUSE

Script once and re-use across different mobile devices and across different versions of the application under test.

DATA DRIVEN

Supports out-of-the-box data driven test cases and localization test cases.



Automate functional testing on the mobile device



Companies releasing or using applications for mobile devices, face a complex and costly end-user acceptance phase. The testing phase is complex since multiple devices with different hardware characteristics need to be supported. Most of the applications are made for world-wide usage so that localization test cases need to be executed. The complexity gets higher by the high frequency of new releases of mobile OS platforms complicating regression testing.

In order to manage this complexity companies are using today a test management tool to capture the test cases, the processes and the test execution results. The test coverage and test frequency is however still constrained by the fact that the test cases are executed mainly manually.

Jamo Solutions provides a solution to automate the test cases so that:

- The automated test script can be replayed as such against new versions of the application under test. Cosmetic changes in the user interface of the applications do not impose changes in the script.
- The automated test script can easily be executed for different data sets.
- The automated test script can be parameterized to support localization testing.
- The scripts are independent from the hardware characteristics of the device so that a script can be re-used across devices.
- The scripts are easy to create and to maintain. One can record the script while manipulating the device. The script is composed of easy to read user-based actions leading to easy script maintenance.

LOW TOTAL COST OF OWNERSHIP

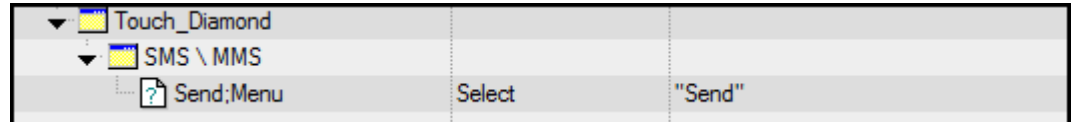
Test automation scripts are easy to read, easy to maintain and easy to re-use.

Extend your current IT solutions to test and your wireless applications.

The above listed characteristics of the solution ensure that the total cost of ownership is low and the usage of M-eux test generates notable return on investment when compared to the manual test case execution.

Figure 1: script extract illustrating easy to read, maintain and to re-use script commands

```
MobileDevice("Touch").MoWindow("SMS\MMS").MoMenubar("Send;Menu").Select "Send"
```



The replay of the statement of the above figure will search on the "Touch_Diamond" device for the SMS window. When the window is found, the tool will press on the "send" menu situated on the menu bar.

The scripts of M-eux Test are based on the recognition of the GUI elements on the screen of the device and their associated user actions. This ensures easy readability, easy maintenance, implicit synchronization and re-use across versions and across different mobile devices (hardware independency).

Instead of creating a new testing tool, the tool M-eux Test extends existing leading test environments. Test experience gained in the normal IT world, can be re-used to test mobile applications. The tool M-eux Test extends QuickTest Professional from Hewlett Packard and Visual Studio from Microsoft.

More information can be found on the company web site <http://www.jamosolutions.com>.



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