BRING MANUAL AND AUTOMATED TESTING TOGETHER
Manual tests can't stay entirely manual forever. The goal is to find the right balance between manual and automated testing, in order to keep up with the pace of development, fast Agile cycles, and the sheer number of devices, platforms and OS versions that need tested. Successful automation depends on keeping the quality of your manual processes at the heart of testing. At Borland, the automation of manual processes is a core capability of our Silk Portfolio of automated testing tools.
KEYWORD-DRIVEN TESTING: WHY IT’S ESSENTIAL FOR AUTOMATION

Everyone in your development team brings a different skill to the software development lifecycle. It follows that a one size fits all approach to automation is unlikely to be successful. Keyword-driven testing from Borland recognizes this, and allows technical users to work independently on test implementation, while business users can create their own keyword-driven tests. Find out how Borland ensures that all the different views and knowledge within the team are properly captured, to deliver high quality software faster.
FUNCTIONAL TESTING

The most time-intensive of all testing types. A manual tester could spend days testing and adding great quality to the final product. But there's just no time, and performing laborious, repetitive tests under pressure can also create test fatigue, stress and code errors. This tester needs automation to take over the more repetitive manual processes, like regression testing, so that the testing process can keep up with the pace of development.

PERFORMANCE TESTING

Unless the organization has built a giant infrastructure, there's no easy way to test massive loads economically. So it's possible performance issues will strike, costing you money or damaging your business reputation. Give this tester the ability to test in the real world by simulating massive test loads in the Cloud, without hardware and setup costs, and automated testing will cut test times by up to 80%.
CROSS BROWSER TESTING

It’s easy to spot a tester dealing with different web and mobile browsers. They typically spend time searching for differently configured PCs, writing different scripts for different tests, and using a multitude of different tools. Give this tester automated cross browser testing and it’s all on a single PC, with one tool to test different browsers like IE, Windows, Chrome and Android – without writing a single line of test script.

MOBILE TESTING

Anyone testing mobile devices wants to work with real life devices, and test as simply and quickly as possible. Jailbreaking devices and searching for the right mobile type and OS version only wastes time. What this tester needs is an automated user interface that tests genuine user experiences – across hundreds of mobile device combinations. And if automated test cycles can be run out of hours, all the better.
TEST MANAGEMENT

Trying to create, control and manage multiple manual tests, allocate resources and deliver progress reports keeps the test manager busy, and buried in paperwork. By automatically generating manual test cases and getting real-time visibility of metrics and analytics, the automated test manager is able to more accurately plan, schedule and report against every test execution.

REQUIREMENTS BASED TESTING

After capturing the requirements for the project, the business analyst often becomes invisible in the development process. It's no wonder that the final deliverables often don't meet business needs. That's why requirements-based testing is critical to involve the business analyst in testing that business requirements are met. With Borland, this level of collaboration is built into the automation process, with easy to use tools for non-technical stakeholders.
SILK PORTFOLIO
THE MOST COMPLETE AUTOMATION SOLUTION

SILK TEST

Functional testing for enterprise, web and mobile applications Silk Test™ provides the right automation interfaces (visual, script-based or IDE-powered) to suit each individual in the test process. By using keyword-driven testing (which separates test design from test implementation) business analysts, testers and developers can seamlessly work together and start testing earlier and more frequently in release cycles. Creating reusable tests is also easy with Silk Test because tests are formed of 'modules' which can quickly be built upon. Take a free trial

SILK MOBILE

Automated functional testing of mobile devices Automatically test genuine user experiences across hundreds of device combinations, and platforms including Android, iOS, Blackberry, Windows Mobile, Symbian and HTML5. With Silk Mobile™, you create a test for one device, capture it on your PC, then use it across all of the devices you need to test, without having to root or jailbreak the device. It’s the most intuitive mobile testing interface ever created. Take a free trial
SILK CENTRAL

Manual and automated test management Silk Central™ gives you complete test orchestration, so you can define and control all types of test asset from manual through to automated. Automatically generate manual test cases (direct from your business cases) to test against requirements, and get more control over your manual tests with resource allocation, test planning, personal dashboards and much more. Silk Central even lets you integrate with other automated tools to raise and track defects in your tool of choice. Take a free trial

SILK CENTRAL CONNECT

The cross browser testing solution Avoid the need to invest in expensive test infrastructures with pay as you go cross browser testing for web applications. Use just one script to initialize tests across numerous configurations and popular desktop and mobile browsers. Silk Central Connect™ is the easiest possible way into test automation, and since it uses cloud-based virtual execution environments, your test costs are closely aligned with usage. Take a free trial

SILK PORTFOLIO

THE MOST COMPLETE AUTOMATION SOLUTION

Built-in
- StarTeam
- Bugzilla
- Atlassian JIRA
- IBM ClearQuest
- Microsoft TFS
- SAP Solution Manager
- Open API

Caliber
- IBM DOORS
- IBM RequisitePro
- Rally
- Atlassian Jira Agile
- VersionOne
- Word, Excel
- Open API

REQUIREMENT MANAGEMENT
DEFECT TRACKING
METHODOLOGY AGNOSTIC

StarTeam
- Subversion
- Git
- PVCS, VFS
- Microsoft TFS
- Open API

CHANGE MANAGEMENT
TEST AUTOMATION

Silk Performer (eCATT)
- Silk Test
- Silk TestPartner
- jUnit / NUnit / MSTest
- VM vCloudDirector
- QTP (add-on)
- Open API
SILK PERFORMER CLOUDBURST

Enterprise performance testing for all applications Create load tests for web, mobile and enterprise applications without investing in an expensive on-premise testing infrastructure. Silk Performer CloudBurstTM gives you an ‘elastic’ test resource which can be expanded or scaled back when needed. It’s the only load and performance tool you need for Cloud, on-premise, VPN or hybrid testing. Simulate peak loads from multiple geographies to ensure applications can withstand peak user spikes, and get to the root cause of performance issues too. Get 200 free credits.

SILK PERFORMER

Automated load, stress and performance testing Create powerful, realistic load tests for thousands of users across a broad range of enterprise application environments. Silk PerformerTM helps you identify bottlenecks, and then uniquely applies powerful diagnostics to help you find the root cause and resolve performance issues. Silk Performer integrates with Silk Central to provide a simple way to manage performance requirements, test plans, test executions and results evaluation. Take a free trial

Find out more about automation with the human touch at www.borland.com/testautomation

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