Original Software

Delivering Quality Through Innovation
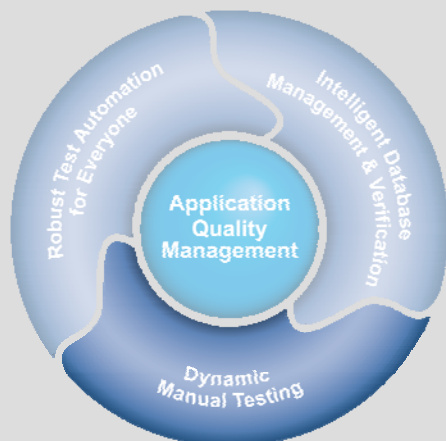
Overview

What is TestDrive-Assist:
An easy to use solution that empowers both QA Testers and Business Users to carry out manual tests with minimal effort and increased productivity.

Features:
- Captures and documents manual tests
- Provides immediate and detailed diagnostics
- Builds an instant audit trail automatically
- Seeds regression tests from the captured process
- Supports agile projects
- Completely code-free and easy to use
- Integrated with Qualify, for easy execution and central storage of test assets

Benefits:
- Removes manual testing bottleneck
- Increases UAT productivity and test coverage
- Saves time and effort in reproducing a defect
- Jump starts your automation strategy
- Helps with user documentation
- Perfect for Agile or exploratory testing

Dynamic Manual Testing

The Challenge
100% automation is not normally achievable, and whatever level you hope to achieve, you still have to get there from a manual start. Manual testing can be very tedious and time consuming and with manual testing representing such a significant share of testing effort, it can often be a bottleneck. The productivity of a tester is greatly reduced with him or her having to reference multiple sources of information at the same time, such as the test script, test data, the defect tracker, and the application under test, etc. The usual response to this issue is to throw more resources at the problem, but this isn't sustainable and suffers from declining ROI.

The Solution
TestDrive-Assist is the Original Software solution that delivers practical and immediate benefit, by allowing your existing resources to test more efficiently and by enabling the transition from manual testing into automation quickly and easily. This solution has been shown to cut up to half the time spent engaged in manual software testing and eases the burden of reproducing defects and remediation of fixes.

TestDrive-Assist delivers active support for manual testing by focusing on what the tester needs to achieve. The solution is based on three design premises - low impact, a minimal learning curve, and delivery of major benefits. As a completely code-free solution, TestDrive-Assist empowers business users, analysts and QA testers during the manual testing process. Fully integrated with Qualify, our Application Quality Management (AQM) solution, the suite provides a streamlined approach to performing and managing manual testing.

The Bottom Line
The high preponderance of manual testing and validation activity still permeates the software testing cycle. The need to identify, reproduce and remediate software defects is essential to success. During this iterative process, the requirement to build use cases from ad hoc and exploratory testing is greatly amplified. Finding an effective and efficient solution to remediation and documentation is core to testing project success. TestDrive-Assist is the solution. Used stand-alone or together with Qualify and TestDrive, it is the only manual software testing solution to monitor applications and provide screen, input, database and test status information for manual tests.

Original's TestDrive-Assist is an excellent example of guided manual test technology. Launch a manual test from Qualify and TestDrive-Assist will fire up the application and silently record your activity.

Michael Azoff, Ovum, February 2011

Capture and Document Manual Tests

- TestDrive-Assist automatically tracks every user action at both the visual layer and at the database level for supported databases.
- Enables testers to capture test results, issues, and diagnostics automatically while testing.
- Provides step-by-step capture details, along with screenshots, removing the tedium of manual screen prints.
- Enables users to know exactly what they have done at a glance – great for documenting the business process and for use during exploratory testing.
- Allows the mark up of current screens and past steps to accurately describe the process.

Understand the Application Under Test

- TestDrive-Assist 'understands' the application flow, and takes a picture every time a new screen or web page arrives.
- This enables pictures of the application to be taken at the most appropriate time, by interrogating the application under test.
- Captures, analyses and compares all of the objects, grids, controls and components of the application.
- Both the visible and non-visible content is captured and analysed automatically.

Reproduce Defects Immediately

- Automatic documentation is produced in detail for defect diagnosis or reuse purposes.
- Removes the need to re-prove an issue to development as the documentation created saves time and effort.
- Enables developers to immediately see the steps to error reproduction in the user interface and the database.
- Allows extra quality checks to be performed in the background during testing, i.e. spell checking, link checking

Manage Your Tests Seamlessly

- Fully integrated with Qualify, our AQM solution.
- Drive all your manual testing tasks from Qualify and attach the test results to the associated task or logged defect.
- The fully documented steps and tasks are extracted automatically to populate the associated test plan.
- Where test cases have been defined within Qualify, TestDrive-Assist will provide a visual prompt of the steps to be taken to complete the test case.
- If ad-hoc or exploratory testing is being performed, TestDrive-Assist allows a test case to be formalised and stored within Qualify, reducing future reliance on the knowledge of the original tester.

Report on Defects

- The robust reporting module delivers rich details in a multitude of formats such as; PDF, HTML, MHT, Word and RTF for reuse.
- The report can be further customised with watermarks and backgrounds. It can be printed using the print button or saved in PDF, HTML, MHT and RTF formats.
- Automatic documentation greatly reduces the effort required in defect reporting and accelerates the defect resolution time.
- Defects can be shared via email, links, PDF and Qualify notification. The automatic capture and collaboration has produced savings of 15 minutes per defect by many clients.

Flexible Reporting Engine

- Manual test results can be converted into automated test scripts with the click of a mouse button, if used together with TestDrive, our test automation solution.
- This capability allows the QA or UAT tester to build automation scripts early in the release cycle.
- If the test was good in the first place, the script can be included in a regression pack. All knowledge is therefore captured and re-used.
- This approach has shown to cut up to half the time spent in manual software testing and provides a fast start to automation.

Perform Agile Testing Easily

- TestDrive-Assist is perfect for unstable, changing circumstances, such as Agile.
- The easy capture of tests provides an audit trail with clear information for reproducing bugs within each sprint.
- Future sprints can benefit from previous automation as regression packs build up during the entire process.

About Original Software

With a world class record of innovation, Original Software offers a solution focused completely on the goal of effective quality management. By embracing the full spectrum of Application Quality Management across a wide range of applications and environments, the company partners with customers and helps make quality a business imperative. Solutions include a quality management platform, manual testing, full test automation and test data management, all delivered with the control of business risk, cost, time and resources in mind.

More than 400 organisations operating in over 30 countries use Original Software solutions. Current users range from major multi-nationals to small software development shops, encompassing a wide range of industries, sectors and sizes. We are proud of our partnerships with the likes of Coca-Cola, HSBC, Unilever, FedEx, Pfizer, DHL and many others.

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