



HP Sprinter

Data sheet

Manual software testing does not have to be tedious, error prone, or time consuming. HP Sprinter software revolutionizes manual software testing.

Accelerate and improve the efficiencies and effectiveness of manual testing

Ever since the introduction of applications into the world, testing the quality of an application was seen as essential. The first and still the most popular method for doing this is manual testing. In the last decade we have seen the increased adoption of automated testing methods (with tools like HP Functional Testing) to accelerate those repeatable test cases; however we still see the vast majority of testing being done manually.

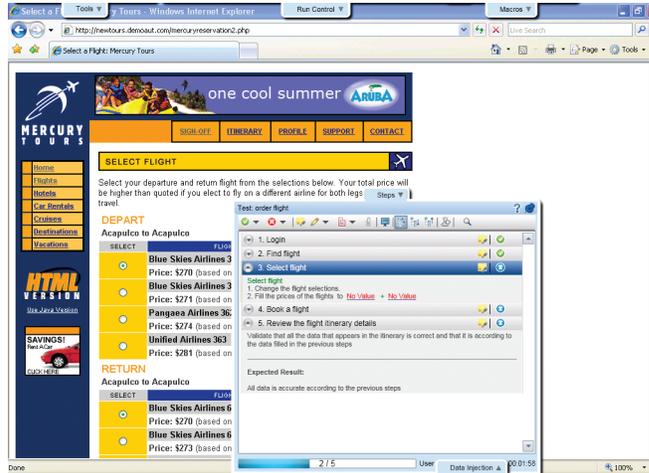
Manual testing can often be very tedious and time consuming. The productivity of a tester having to

reference multiple sources (test script, test data, a defect tracker, application under test) at once to conduct their test is greatly reduced. In today's world where software needs to operate in multiple operating system environments and Web browsers, manually testing software against all these options adds a large amount to the time needed to release an application. Although manual software testing is better than no software testing at all, manual testing is often error prone. Test steps are easily missed, test data is often incorrectly entered, and defects are often incorrectly captured—decreasing the overall quality of the application, increasing the risk the application poses, and increasing costs due to the associated work replication.



Figure 1

HP Sprinter's floating sidebars can be expanded and minimized as needed to maximize on screen real estate of the application under test.



HP Sprinter is available with HP Application Lifecycle Management and HP Quality Center solutions.

Over time these risks and the time associated with manual software testing have become accepted as inherent in the nature of software testing. The execution of manual software tests has not changed for a very long time, until now. With HP Sprinter, manual software testing no longer needs to be tedious, error prone, or time consuming.

About HP Sprinter

We have just entered a new era when it comes to manual software testing. HP Sprinter is a manual testing revolution. Fully integrated with HP Application Lifecycle Management and HP Quality Center software, HP Sprinter is an easy to use solution that delivers accurate and efficient manual software testing. HP Sprinter dramatically reduces the time needed to perform manual software tests and increases their accuracy and effectiveness.

Manual tests are launched from HP Application Lifecycle Management or HP Quality Center into HP Sprinter where the tester carries out the test.

The actions and results of the test are simply recorded and results are saved within HP Application Lifecycle Management or HP Quality Center. Defects can also be directly logged within HP Application Lifecycle Management or HP Quality Center without leaving HP Sprinter, clearly communicating the comprehensive defect information captured with HP Sprinter, helping bridge the gap that exists with developers.

HP Sprinter also handles the automated injection of data into fields under test increasing the speed and accuracy in which a test can be executed. The toolkit included within HP Sprinter allows screen capturing, screen annotation, and movie recording. HP Sprinter can also be used to automatically record and log tester's activities and actions when executing exploratory testing without pre-defined steps. HP Sprinter's mirror testing capabilities allow users' actions to be automatically replicated across multiple systems hosting multiple environment configurations. HP Sprinter has changed the game.

Figure 2

HP Sprinter's toolkit provides the ability to simply capture and record test actions, annotate screen shots, and verify the overall quality of application elements.



Key features and benefits

Maximize testing real estate

Historically, manual testing tools have been intrusive and have often gotten in the way of the application under test. HP Sprinter gives users the maximum screen real estate to view and interact with the application under test by delivering the test steps and tools via unobtrusive side bars. These side bars can be simply expanded and minimized as needed. The additional subtitle mode can provide the tester with even more screen real estate by just displaying the basic step information, yet allowing the user to move through each test step and mark the results accordingly.

Accelerate defect remediation

Often, the time taken to remediate a defect is greatly affected by the way a defect is communicated to the developer concerned. Sometimes the specific information needed to recreate a defect is not available or worse, the entire defect is lost. HP Sprinter gives testers the ability to create a defect within HP Application Lifecycle Management or HP Quality Center directly, and include all the specific information possible (test steps, user actions, actual results, screen shots with annotations and movies) to help the developer resolve the defect quickly. There is no need for the tester to log directly into HP Application Lifecycle Management or HP Quality Center interface. It can all be done from within HP Sprinter.

Capture and record images of test actions and results

Test actions and defects are often very hard to record and communicate with words. To help resolve defects quickly, HP Sprinter has a toolkit that allows the tester to simply take a screenshot or screen recording of the test result or defect. Simple annotation tools are also available that help to clearly communicate the findings. Also within HP Sprinter's toolkit, measurement, alignment, and color checking tools are delivered to help ensure the overall quality of all application elements. All the information captured from these tools can be easily included in the test results or when logging a defect.

Automate test data entry

One of the most time consuming and tedious activities of manual software testing is entering data in the fields of the application under test. It is also often highly error prone, resulting in application errors or anomalies. HP Sprinter automates this process, accelerating the time it takes to run a manual test dramatically. With a single click on the row of pre-loaded data, the data is taken and automatically injected into the form, saving the tester the effort of manually entering or copying and pasting the data from another source.

Automatically log exploratory testing

Exploratory testing is often used to test how the software works and handles different actions in order to uncover defects quickly. The biggest challenge in exploratory testing is when a defect needs to be recorded; the history or actions that led to that outcome cannot be communicated as the test was ad-hoc and wasn't following a specific test case or use case. HP Sprinter is one of the most innovative tools available when it comes to exploratory testing. HP Sprinter can be used to record and log the tester's activity. This log can then be provided to development to show the actual steps that led to the result, improving communication and accelerating the remediation of defects. This list of actions can also be used to create a formal manual test script from the exploratory test.

Simultaneously test multiple environments

The repetition of tests in order to test an application across multiple environments and browsers is very time consuming and adds to the number of resources needed to effectively test the application. HP Sprinter's

innovative mirror testing functionality allows tests to be simultaneously replicated across multiple machines hosting the different environments. This eliminates the need to run the same test script multiple times. Mirror testing can help you save a huge amount of time and effort.

About HP BTO Application Solutions

HP application solutions help ensure modernization initiatives to deliver business outcome instead of failing under the burden of outdated, legacy delivery mechanisms. Where rival solutions mistake the software development lifecycle for a total picture of the application, HP sees core delivery in the context of the complete application lifecycle—from business idea through retirement. Furthermore, by providing unified management and automation solutions, HP offers customers not simply more tools and integrations but greater simplicity. The result for enterprise application teams is improved predictability, repeatability, quality, and change readiness in both the core and complete lifecycle.

HP Sprinter can help you deliver accurate and efficient manual software testing. To know more, visit: www.hp.com/go/alm

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