

WHAT'S NEW

SilkCentral Test Manager 12.0 (Test Manager) introduces significant enhancements and changes.

MANUAL EXECUTION PLANNING

The new manual execution planning approach assists you in selecting, distributing, and executing those manual tests that result in best achieving your quality goals under given time and resource constraints. Time and resources are managed together in the context of testing cycles. A testing cycle represents a period of time that has a set of manual testers and a set of tests assigned to it. Each manual tester in the testing cycle has a capacity, which is the amount of testing time that the tester has available for the testing cycle .

For test managers, the new Manual Execution Planning page provides the ability to efficiently plan the overall testing progress. The new page provides an answer to the often critical question "Are we able to finish our manual testing in time?" by providing answers to the following sub-questions:

- What manual tests are executed?
- When are those manual tests executed?
- Who executes those manual tests?
- Where are those manual tests executed?
- How far is the testing progress in the current testing cycle?

For manual testers, the new Manual Execution Planning page provides assistance in effectively prioritizing their work, displaying exactly which tests have to be done in a specific period of time.

The new manual execution planning approach interacts tightly with the new dashboard.

MY DASHBOARD

The new dashboard in Test Manager is your personal starting area. You can customize it by adding and arranging various panels, which give you the information you need for your daily work.

You can add the following panels to the dashboard:

| Panel | Description |
|-----------------------------|--|
| Custom Information | This panel shows custom information for a project. Users can add news, descriptions or any other kind of relevant content to the panel. |
| Introduction | This panel gives you a quick introduction to Test Manager. |
| Issue Life Cycle | This panel shows the issues for a defined issue tracking profile and their status (open, fixed, verified, closed, deferred). |
| Issues Created per Tester | This panel shows the number of issues created by testers as a bar graph. |
| Manual Tests Assigned to Me | This panel shows all tests from a certain project that are assigned to you for execution. It enables you to quickly continue working on your tests and to get detailed information on all of your tests. |
| Quality Goal Progress | This panel shows the number of tests that must be executed to meet the quality goal in relation to the number of actual executed tests. The executed tests are divided into passed, failed, not executed, and N/A (not available). |

| Panel | Description |
|--|---|
| Requirements Coverage Status | This panel shows if the requirements are covered by manual or automated tests. |
| Testing Cycle Progress | This panel shows a progress chart of passed, failed, in progress, and not yet executed tests for the defined testing cycle. |
| Testing Cycle Result Summary | This panel shows the status of the selected testing cycle and the progress status of the individual testers that are assigned to the testing cycle. |
| Testing Progress Across Testing Cycles | This panel shows the time in hours for the planned, in progress and completed tests. It helps a test manager to predict if the testing team will be able to finish the tests in time. |
| Volatile Tests | This panel shows how often tests changed their status within a defined time period. It helps identifying unstable tests. |

SYSTEM DIAGNOSTICS

The new System Diagnostics feature in Help > About enables you to quickly review and download relevant system settings and logs.

CALCULATED PROPERTY

A calculated property is used to create a single value based on a user-defined formula derived from the values of internal or custom properties. This value is then put into a labelled range called a classification. The goal of a calculated property is to support custom calculations which in turn can be used within Quality Goals or filters. Example: priority * impact = business risk

VIDEO CAPTURING IN WEB UI FOR MANUAL TESTING

Manual testers using the Web UI for manual test execution can now capture execution videos. Such videos are then available as result files.

ASSIGNING ISSUES TO MANUAL TEST STEPS

This new feature allows you to assign issues directly to manual test steps. The created issues will contain the information about the steps they were created for as a link. Clicking this link takes the user directly to the step in SilkCentral Test Manager

DELETE PERMISSIONS

Delete permissions for nearly all assets in SilkCentral Test Manager have been separated from the previous Manage permissions. Please review your custom roles to avoid problems.

REMOVING DATA-DRIVEN PROPERTIES

When you have data-driven tests in use, and you have data-driven properties assigned to specific tests in the Tests tree, you can now remove the properties when you no longer need them. In previous versions of SilkCentral Test Manager, you were able to deactivate the data-driven properties, but not completely remove them.

EMAIL HYPERLINK

Each topic in the online help now includes the following hyperlink at the bottom of it: *Send feedback about this topic.*

Click the link to open your Web browser and submit feedback about that page of the help.

USABILITY ENHANCEMENTS

This section lists the usability enhancements that have been made throughout Test Manager.

Copying Filters

You can now re-use existing filters to create new filters. The new functionality is available in the toolbar of the Requirements, Tests, or Execution Planning area. To create a new filter out of an existing one, copy the existing filter, edit the properties of the filter, and then save the edited filter as a new filter with a different name.

Comment Execution Plan Runs

You can now add comments to execution plan runs in the Execution Plan Runs page. To edit an existing comment, right-click the execution plan run and select Edit Run Comment.

Deleting Result Files

You can now delete result files in the Test Details area of the Current Run page of a manual test.

WEB SERVICE ENHANCEMENTS

This section lists the enhancements that have been made to the Test Manager Web services.

INTEGRATION ENHANCEMENTS

This section lists the enhancements that have been made to the integrations in Test Manager.

IBM Rational DOORS Version 9.3

Test Manager now supports IBM Rational DOORS Version 9.3.

Oracle 10g (version 10.2.0.5)

Test Manager now supports Oracle 10g (version 10.2.0.5).

Oracle 11g (version 11.2.0.2)

Test Manager now supports Oracle 11g (version 11.2.0.2).

VMware vCenter Lab Manager 4.0.4

Test Manager now supports VMware vCenter Lab Manager 4.0.4.

Changepoint 2010 SP1

Test Manager now supports Compuware Quality Manager with Changepoint 2010 SP1.

Bugzilla 4.0

Test Manager now supports Bugzilla 4.0.

Microsoft Office Word 2007 .docx Import

Test Manager now supports the Microsoft Office Word 2007 .docx file format.

The functionality for .docx is the same as for .doc with the following improvements:

- Images and any other embedded objects (OLE) (for example: PDF, Excel) are detected and imported as an attachment to a requirement.
- Descriptions may contain hyperlinks.

MSTest

Test Manager now supports MSTest distributed with Visual Studio 2010/Test Agent 2010.

Copy Project API

You can now copy projects using the Web service API. You can specify the same settings that you can

specify in the user interface.

BROWSER SUPPORT

Browser support extended to support Chrome.

For additional information please visit: www.microfocus.com