IBM

FAQ: Enterprise test management in IBM Rational ClearQuest, Version 7.0.

IBM Rational ClearQuest enterprise test management—is it right for me?

What are the new test management capabilities in IBM Rational® ClearQuest®?

New in IBM Rational ClearQuest, Version 7.0 are test management capabilities that help Rational ClearQuest users perform test planning, execution and reporting activities. Built for extensibility on the Eclipse Test and Performance Tools Platform (TPTP), the test management package supports a variety of testing approaches from pure manual testing to various automated testing paradigms—including unit testing, functional regression testing and performance testing. Rational ClearQuest can now manage and report on the relationships of test cases with requirements, defects (change requests) and Unified Change Management (UCM) activities. These capabilities can be accessed by all members of a project team, ensuring high visibility of test coverage information, defect trends and application readiness.

Is Rational ClearQuest test management a product you buy?

No, this is a new feature in Rational ClearQuest, Version 7.0. It is not a separate product.

Is Rational TestManager still available?

Yes. It is available for existing and new customers who do not need the enterprise scalability of Rational ClearQuest.

Is there a trade-up or migration path from IBM Rational TestManager to Rational ClearQuest, Version 7.0?

There are a variety of options available to existing Rational TestManager customers depending on what product you purchased that contained Rational TestManager. Contact your Rational sales representative for the choice that is right for you.

If I have ClearQuest software today, will I receive the new test management capabilities?

Yes. These new capabilities will be available in your Rational ClearQuest, Version 7.0 upgrade.

Is there a package that bundles Rational ClearQuest and Rational test automation tools?

Yes. A new bundle called IBM Rational ClearQuest and Functional Testing includes a license for Rational ClearQuest, Version 7.0, Rational Functional Tester, Rational Manual Tester and Rational Robot software. Trade-up offerings allow customers with Rational Functional Tester or Rational Robot software to upgrade to this new bundle. Contact your sales representative for details.

For more information on IBM Rational ClearQuest and Functional Testing, please visit:

ibm.com/software/awdtools/tester/clearquest/functionaltest/index.html

Are the test assets in Rational ClearQuest similar to those in Rational TestManager?

Yes. Rational ClearQuest uses many of the same asset types as Rational TestManager, such as test plans, test cases, configured test cases and test suites.

Can I migrate my test artifacts from Rational TestManager to Rational ClearQuest, Version 7.0?

Yes. However, there are a few differences that you need to be aware of before you decide that migrating is right for you. A migration tool is supplied to assist in the process. Please refer to the user documentation for complete details.

What test artifacts can be migrated from Rational TestManager?

You can migrate the following artifacts from Rational TestManager:

- Test plans
- Groups
- Users
- Iterations
- Configurations
- Builds
- Test case folders
- Test cases
- Configured test cases
- Test results

Will Rational TestManager manual test scripts be migrated?
Rational TestManager manual test scripts should be migrated to Rational Manual Tester before being migrated to Rational ClearQuest.

What script associations will be migrated?
Because Rational ClearQuest does not manage the repository for scripts, it relies on the file system or IBM Rational ClearCase® to manage them. In the file system or in Rational ClearCase, Rational ClearQuest can maintain pointers from test cases and configured test cases to these scripts. The Rational Functional Tester and Rational Manual Tester script associations can be migrated.

Does Rational ClearQuest support authoring manual or automated scripts?
Script automation is a capability of the individual functional, manual and performance testing tool. Rational ClearQuest will maintain pointers to your test scripts so that they are available for test execution.

Can I create a manual test script in Rational ClearQuest software?
No. Rational ClearQuest is integrated with Rational Manual Tester to provide a more robust manual test experience. While the Rational Manual Tester product is sold separately, it is also bundled with the IBM Rational Functional Tester package, the IBM Rational Functional Tester Plus package and the IBM Rational ClearQuest and Functional Testing package.

Can I import from Microsoft® Excel spreadsheets into Rational ClearQuest software?
Yes. You can import Excel test cases as well as manual tests that are written in the Excel application. However, the manual tests need to be imported into Rational Manual Tester and then associated with the scripts for test cases, which can be executed within the ClearQuest program.

What testing tools does Rational ClearQuest software support for test execution?
Rational ClearQuest supports the execution of tests created with Rational Manual Tester, Rational Functional Tester, Rational Performance Tester and the Eclipse TPTP testing framework tools (JUnit, Manual and URL). Test execution is supported in the IBM Rational ClearQuest Client for Eclipse plug-in.

SPI Dynamics, an IBM Rational Business Partner, has integrated its security testing tool, QAInspect, with Rational ClearQuest. Once SPI Dynamics' adapter is installed, the Business Partner's product will show as another test type when creating a test case, and you will be permitted to execute SPI Dynamics tests from Rational ClearQuest. Ring-Zero, an IBM Rational Business Partner, also provides adapters for Rational ClearQuest to execute third-party test automation tools.

Can I trace requirements in IBM Rational RequisitePro® to my test plans and test cases in IBM Rational ClearQuest?
Yes. You can integrate Rational RequisitePro with Rational ClearQuest by mapping Rational RequisitePro requirements to Rational ClearQuest test plans, test cases and configured test cases. Once enabled, a requirements tab is added to the Rational ClearQuest test plan, test case and/or configured test case forms. These tabs can be used to relate a ClearQuest test plan or test case to a requirement.

The integration capabilities allow you to map requirement types to Rational ClearQuest objects. This capability remains the same in the IBM Rational ClearQuest, Version 7.0 release.

Rational ClearQuest's out-of-the-box enterprise schema has been updated with Rational ClearQuest test management capabilities, enabling test plan, configured test case and test case capabilities to integrate with the Rational RequisitePro package.

Can the test management features in Rational ClearQuest software be customized?

Yes. Rational ClearQuest supports a variety of form, field and workflow customizations. Refer to the user guide for complete details on customization.

Does Rational ClearQuest software support geographically distributed testing teams?

Yes. The ClearQuest Web client supports geographically distributed teams by enabling remote test planning and full-quality metric reports. Additional capabilities for distributed team support are available with IBM Rational ClearQuest MultiSite.

Are there features to help me manage regulatory requirements that affect testing projects?

IBM Rational ClearQuest has the capabilities to help a customer implement a compliant solution. These capabilities include:

- Lightweight Directory Access Protocol (LDAP) authentication
- Audit trails
- Electronic signatures

What type of reporting capabilities are provided?

Rational ClearQuest provides a wide variety of out-of-the-box reports. In addition, the ClearQuest solution allows users to customize and build reports on a per-project basis.

For more information

To learn more about IBM Rational ClearQuest, visit

ibm.com/software/rational/offerings/ testing/manage/index.html