

Test Management with IBM Rational Quality Manager v6.0

Course Summary

Description

This course is a comprehensive overview intended as an introduction to using IBM Rational Quality Manager (RQM) to automate and support test planning and the organization and administration of testing activities to integrate those activities into a software development project.

This course covers the test cycle from planning the test project, developing the various test artifacts, and integrating test activities with corresponding requirements and development artifacts and actions. The course focuses on using RQM to manage a test team's activities, monitor testing progress, submit, and track defects, and report test results and status. A key to learning point is using RQM to implement test management activities that are fully integrated with requirements and specific development tasks throughout the activities defined in software development processes and application lifecycle management processes, with the emphasis on IBM Rational's Collaborative Lifecycle Management (CLM) product. This includes understanding how RQM integrates with other components of the Rational Team Concert that make up the CLM platform.

Objectives

After taking this course, students will be able to:

- Explain CLM and Global Configuration
- Develop a test plan
- Define schedules, test environments, and lab resources
- Develop a test case and test script
- Create a test suite
- Run tests
- Submit a defect
- Monitor the test effort
- Report test results and status

Topics

- Test management and Rational Quality Manager
- Global configuration
- Planning the test effort
- Developing and evaluating the test plan
- Creating test cases, test scripts and test suites
- Creating test execution records
- Running tests
- Reporting test status
- Implementing traceability and linkages with requirements
- Test updating to support changing requirements

Audience

This course is designed for individuals in testing or QA roles including test managers, testers, analysts and others involved in planning, execution and results analysis and interpretation. This course is also for employees involved in installing, supporting, and maintaining RQM in a Team Concert environment

Prerequisites

Before taking this course, students should have basic understanding of software testing concepts and terminology.

Duration

Two days