

# Rational® Quality Manager Test Authoring and Planning

WEB INTERFACE ■ RQM VERSION 6.0.3

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## Overview

This two-day, hands-on class covers the fundamentals of executing tests, creating tests, and test planning using Rational Quality Manager.

## Audience

- Quality engineers who will use RQM to execute tests, create manual tests, and perform test planning activities.

## Prerequisites

- Basic knowledge of software testing process and terminology is helpful.
- No previous RQM experience required.

## Objectives

At the end of this course, students will be able to use Rational Quality Manager to execute manual and automatic tests, create tests, and create test plans and test cases.

## Outline

Overview	Overview of RQM artifacts and capabilities
Log on to RQM Web Client	Browser startup and connect to project
Navigate RQM Projects	Project areas, menus, personal dashboard, recent history, column display settings, breadcrumbs
Test Execution Overview	Test execution concepts and terminology
Execute Test Case	Execute a test case and view results
Monitor Test Execution	View test case execution results
Edit Test Execution Results	Open and edit test case results
Filters	Use sidebar and column filters, save and run query
Alternate Execution Methods	Execute test case using Run Test Case button and from execution record
Build Records	Create build record and build definition, run test case associated with build record
Submit Defect from Manual Step	Submit defect, link to existing defect
Submit Defect in Test Result	Submit a defect not associated with a step
Test Suite Execution	Execute a test suite and examine results
Test Script Basics	Create and modify a test script
Test Script Advanced	Add comments, set test input and verification data, reuse with keywords
Import/Export Test Script	Import a test script and export to PDF
Test Case Overview	Browse test case sections, open recently accessed test case
Create Test Case	Create a test case, add a test script, generate test case execution records
Refine Test Case	Add pre and post conditions, add expected results
Risk Assessment	Assign risk, create my risk

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Test Case Links	Create links to requirements and work items
Weight	Set test case weight, adjust weight distribution in result
Snapshot	Create snapshot, create artifact from snapshot
Run with Execution Variables	Add execution variables to test case, run test case using variable values
Execution Variables in Manual Test Script	Create a test script with execution variables, create a test case with set execution variable, run a test case using variable values
Test Data	Create data records that pass values to test script steps
Test Plan Overview	Open test plans and browse test plan sections
Create Test Plan	Create a new test plan, manage sections, add a test case
Refine Test Plan	Modify quality objectives, entry criteria and exit criteria
Test Plan Links	Create links to requirement collections and development plans
Generate Test Case	Generate a test case from a requirement
Suspect Links	Mark test cases as suspect, view suspect test cases, clear suspect link
Test Plan Test Schedules	Clear and define test schedule, edit iteration properties, add key date
Test Plan Environments	Display platform coverage and test environments, add platform, add test environment
Quality Tasks	Create and update quality tasks, open related test plan
States and Reviews	Change state, create test plan review, set approval state
Reviews	Create test plan review, set approval date
Create Test Suite	Create and modify a test suite, change test case order, generate test execution records
Categories	Set category values, create categories and values
Report Basics	Create, configure, and export reports
Dashboards	Add and configure dashboard widgets, add tabs

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