

Course Name: IBM Rational Integration Tester

Duration: 4 days

Course Description

This course shows how to use Rational Integration Tester and Rational Performance Test Server for integration and performance testing. It shows students how to test more complex systems, where multiple technologies may be involved, and demonstrates the use of the set of test actions that can be used within Rational Integration Tester. Students will also see how to use external data sources, how to review and update their tests, and learn how to use test automation to its full potential. Additional modules include the use of Rational Performance Test Server to turn these integration tests into performance tests and analyse the performance of the system under test.

Objectives

Model and test complex systems

Review and update tests

Work with variables and data sources

Use test actions to build complex tests

Test databases

Automate testing

Create and run performance tests

Monitor a system during a performance test

Analyze performance test results

Prerequisites

Completed *Essentials of IBM Rational Integration Tester V8.6* (RT561G)

Knowledge of middleware (eg WebSphere MQ, web services) and XML

Knowledge of software testing techniques and methodology (helpful)

Topics

Integration testing

Performance testing

Data driven testing

Working with complex systems

Test actions

WHAT YOU'LL LEARN

Navigate through Rational Integration Tester and Rational Test Control Panel

Model the system under test

Record messages from the system under test

Create and run tests

Create and run stubs

Automate tests

Review historical test results

Outline

Integration Testing

Service Virtualization

Understanding the system under test

Tests and Virtual Services

Test suites and Test results