IBM® Rational® Functional Tester (RFT) is an automated functional regression testing tool to test Web, Java, .NET, Siebel, SAP and Oracle applications.

Test script customization is mandatory in order to perform anything but the most basic tests. This course will prepare team members to apply features and best practices that support advanced functional testing with Rational Functional Tester.

You will learn how to achieve success quickly and minimize maintenance.

Objectives:
Upon completion of this course, the students will have a comprehensive understanding of:
- Building, enhancing and maintaining advanced test scripts
- Writing robust test scripts in a fully-functional Java IDE
- Scripting that can be leverage for automated testing with RFT

Audience:
Testers, Quality and Test leads / managers

Prerequisites:
Experience in QA and Testing is beneficial as content will assume an understanding of testing concepts, familiar with recording and simple test script modifications, test object maps, data-driven tests, and a basic knowledge of Java and the eclipse IDE.

Duration:
1 day
Outline:

1. Shared Code / Libraries
   • Super Helper Methods

2. Verification Points
   • Customization
   • Get Property Value
   • Wait for Object

3. Error Handling
   • Null strings
   • Screen point not found
   • Dual-Monitor workstation
   • Negative tests
   • Try / Catch
   • @Override

4. Handling Slow Application Responses
   • Sleep
   • Wait For Existence
     o Single object
     o Multiple objects

5. Database Interactions
   • Using JDBC
     o Connection class
     o DB Library class

6. Working with Files
   • XML
   • CSV
   • Text

7. Tracing
   • Logging test execution

8. Debugging
   • Code Review
   • Dynamic with breakpoints
   • LAB: Run test cases
   • Running a test suite

9. Scheduling / Run RFT from the command line
   • Command line arguments

10. Source Control