Using QuickTest Professional 9.2 (3 Days)

Course Description

INTENDED AUDIENCE

- New users of QuickTest who need to automate manual testing and verification in a short amount of time

DURATION: 3 DAYS

OVERVIEW

This core course provides a comprehensive understanding of using QuickTest Professional 9.2 as an automated functional testing tool for different environments. You will use QuickTest Professional's graphical point and click interface to record and play back tests, add synchronization points and verification steps, and create multiple action tests. You will build upon fundamental topics by using debug tools to troubleshoot tests and use additional checkpoints and product options to broaden the scope of business processes that can be automated. Once tests are created, you will discover and correct common record and play back problems. All topics are supported by hands-on exercises based on real-life examples.

COURSE OBJECTIVES

At the end of the course, you will be able to:

- Create basic scripts from a manual test case.
- Enhance basic tests with synchronization and verification.
- Parameterize tests to run with multiple sets of data.
- Create and reuse modular actions.
- Use the Object Repository.
- Use debugging tools.
- Use custom checkpoints to create more precise verification points within a test.
- Use the Object Repository Manager.
- Describe and use virtual objects.
- Resolve object recognition problems.

PREREQUISITES

Working knowledge of:

- Windows
- Web sites and browsers
- Testing concepts

RECOMMENDED FOLLOW-UP COURSES

- Advanced QuickTest Professional 9.2

DAY 1

Course Overview
- Outline the benefits of QuickTest Professional

Preparing to Record
- Review documented user steps
- Identify the application under test (AUT)
- Prepare the test environment

Creating A Basic Test
- Create and execute basic tests
- Understand QuickTest results

Working With Objects
- Identify objects and their properties
- Discuss basics of the Object Repository

Adding Synchronization
- Add synchronization steps
- Set Global Synchronization Timeout

Verifying with Standard Checkpoints
- Enhance tests with checkpoints
- Use regular expressions

DAY 2

Using Parameters and Data Driven Tests
- Use input and output parameters
- Create Data Driven tests
- Enhance checkpoints with parameters

Making Reusable and Multiple Actions
- Create a Single Reusable Action
- Create multiple actions from a single action
- Use Global and Local Data Sheets

Adding Steps without Recording
- Add steps using keyword view
- Add steps using the Step Generator

Creating Tests on a Web Application
Discuss differences in:
- Setup
- Add-Ins
- Object Recognition
- Synchronization

Writing Custom Checkpoints
- Create a custom checkpoint
- Compare captured values with expected values
- Use debugging tools
- Report the step outcome with a Reporter Event

DAY 3

Using Database Checkpoints
- Define Database checkpoints
- Create SQL queries
- Insert a Database checkpoint
- Parameterize a database query

Utilizing a Shared Object Repository
- Describe local versus shared object repositories
- Use the Object Repository Manager

Solving Object Recognition Problems
- Use analog recording
- Use low-level recording
- Use a bitmap checkpoint
- Work with virtual objects

Utilizing Recovery Scenarios
- Create a recovery scenario
- Associate a recovery scenario with a test

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