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Using QuickTest Professional 9.5

Overview

This core course provides a comprehensive understanding of using QuickTest Professional 9.5 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.

Duration

Three days

Intended Audience

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

Prerequisites

Working knowledge of Windows, Web sites, browsers, and Testing concepts

Recommended Follow-up Courses

Advanced QuickTest Professional 9.5

Course Outline

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

Using Parameters

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

Building Multiple, Reusable Actions

- Create a single Reusable Action
- Create multiple actions from a single actions
- Use Global and Local Data Sheets

Adding Steps without Recording

- Add steps using keyword view
- Add steps using the Step Generator



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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

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