

QuickTest Professional – QTP

Course Duration: 5 days

Overview

This core course provides a comprehensive understanding of using QuickTest Professional as an automated functional testing tool. You will use the point and click interface to record and play back tests, add synchronization points and verification steps, and create multiple action tests. Once tests are created, you will discover and correct common record and play back problems. In addition, you will learn to use Expert View to create steps that work with dynamic objects and data, use VBScript conditional and looping statements to control the flow of your tests and components, and use Data Table methods and database connection objects to retrieve external data. All topics are supported by hands-on exercises based on real-life examples.

Course Objectives

By the end of this 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.
- Enhance the scripts using VBScript capabilities
- Access external resources
- Debug and use error handling in the scripts

Intended Audience

- New users of QuickTest Professional who need to automate manual testing and verification in a short amount of time.
- Quality assurance engineers who will assume technical lead roles in the use of QuickTest Professional.
- Quality assurance engineers who will support business analysts using Business Process Testing.
- Other users of QuickTest Professional who need to customize and enhance their automated tests using scripting.

Prerequisites

Working knowledge of:

- Windows
- Web sites and browsers
- Testing concepts

Course Outline

- Course Overview
- Introduction to Test Automation
- Prepare To Record
- Creating a Basic Test
- Alternative Record Types
- Synchronization
- CheckPoints
- Object Repository
- Debugging
- Adding Programming Statements Without Recording
- Parameterizing
- VBScript
- Procedures
- DB CheckPoints
- Dynamic Data
- External Data
- QTP Automation Testing Methodology