

## Using HP QuickTest Professional 9.5

### Overview

This 3 day course provides a comprehensive understanding of using QuickTest Professional as an automated functional testing tool for different environments. You will use QuickTest's graphical point and click interface to record and playback 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 playback problems. All topics are supported by hands-on exercises based on real-life examples.

### Learning Method

You will receive expert instruction from an ITIL specialist who will present the course using slide presentation and facilitated discussion. At the end of each chapter there will be review questions followed by a hands on exercise to ensure understanding of each lesson.

Each student will receive a copy of the HP Using QuickTest Professional manual. This manual is used throughout the course and proves a useful reference tool upon completion of the course.

### Who will benefit from this course?

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

### Pre-Requisites for this course

A working knowledge of Windows, web sites & browsers and an understanding of testing concepts.

### What you can expect to gain from this course?

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.

**Duration: 3 days**

**Scheduled In:**  
**MELBOURNE**  
**SYDNEY**  
**BRISBANE**

**On Demand In:**  
**CANBERRA**

- Resolve object recognition problems.

## Course Content

### 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

- 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 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

## Related Courses

Advanced HP QuickTest Professional 9.5