

# Complete QTP 10

## 3 Day course

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Day

This comprehensive course covers all the essential principles of using QuickTest Professional 10. Designed for beginners as well as testers with previous automation experience, it takes the new-comer to QTP from the basic techniques of record & replay in the keyword view, right through to advanced programming skills in the expert view.

Throughout the course practical examples are demonstrated, and the delegates get to practice what they have learned in each chapter against windows and web applications

### Course Objectives

- understand the key principles of test automation; record & replay, synchronisation, checkpoints, data-driven testing
- understand how to structure your automated testing
- gain a full understanding of how QTP integrates with the system under test
- Understand how you can design robust tests against dynamic applications
- By the end of the course you should have a complete understanding of how to develop reliable, robust QTP test scripts

### Key Points

#### Record & Playback

How to create a basic script using record & replay in the keyword view

#### Object Recognition

Explains how QTP recognises objects in the system under test. Describes the Object Repository and the different Object Repository types.

#### Synchronisation & Checkpoints

How to use synchronisation to ensure that QTP waits for your application to complete processes and how to insert checkpoints in your script to test your application.

#### Multiple Actions

How to break your script down into smaller components called Actions, covers all types of Actions, and how to re-use Actions in other scripts.

#### Data-driven testing

How to use the built-in Data Table to data-drive tests with multiple test cases.

#### The Expert View

Explains the differences between the Keyword and Expert view. Also covers all the debugging features of the QTP development environment.

#### Capturing Application Data

Covers the various methods for capturing data from your system under test for checking, or outputting to the Data Table and Results.

#### Passing Data between Actions

Looks at the various techniques for passing data between Actions and tests such as Action Parameters, Global Variables, Environment Variables and the DataTable.

#### Custom Checkpoints

How to create your own checkpoints using the Expert view. Demonstrates how to check dynamic data.

#### Dynamic Objects

How to test dynamic applications whose interfaces change at run-time. Looks at making the Object Repository more flexible, descriptive programming and capturing object collections from your system under test.

#### Functions

Covers creating procedures in QTP, storing them in function libraries, calling them from scripts, how to override or create new methods for Test Objects.

#### Object Recognition Problems

Key points for overcoming object recognition problems. Covers the 3 recording modes, Virtual Objects, and mapping custom classes.

The compact QTP course that takes you from beginner through to advanced topics to make your test automation more productive

Recommended for anyone new to QTP