



QTP TRAINING COURSE – 2 DAYS

Course Details

Overview:

Using QuickTest Professional (QTP) teaches you how to create automated tests on a standard Windows environment for functional testing. With Quick Test's point-and-click interface, you will be able to create tests that can be played back on an application repeatedly, delivering consistent test without scripting or programming.

Course Objectives:

- Create basic scripts from a manual test case
- Enhance basic tests with synchronisation and verification
- Parameterise tests to run with multiple sets of data
- Create and reuse modular actions
- Use debug tools
- Use custom checkpoints to create more precise verification points within a test
- Manage shared object repositories by using Object Repository Manager
- Describe and use virtual objects
- Resolve object recognition problems

Duration:

2 Days

Location:

On-site/Off-site/Online

Price:

Flexible be-spoke pricing based on the number of delegates & location

Who should attend:

New Users of QTP, Quality Assurance (QA) Engineers

Prerequisites:

Working knowledge of Windows, websites, testing concepts and browsers

Topics:

Day 1

- **Introduction**
 - Overview of Quick Test Professional (QTP)
- **Preparing to Record**
 - Understand functional testing
 - Document the user steps of a business transaction
 - Identify the application under test and its environment
 - Understand the QuickTest Professional user interface
 - Prepare the test environment to utilise QuickTest Professional effectively
- **Creating a Basic Test**
 - Create a basic test from a manual test case
 - Run a test and check for errors
 - Save a test
 - View test results
- **Working with Objects**
 - Describe objects
 - Describe a QuickTest Professional object
 - Recognise objects in QuickTest Professional
 - Use Object Repository to manage objects in QuickTest Professional



- Object Repository
- Identify the types of object repositories
- **Using Synchronisation**
 - Describe synchronisation in QuickTest Professional
 - Describe the uses of synchronisation in QuickTest Professional
 - Add a synchronisation step for a specified object
- **Using Standard Checkpoints**
 - Define checkpoints
 - Use standard checkpoints
 - Add flexibility to a constant value using a regular expression
- **Using Sample Test Applications**

Day 2

- **Using Parameters and Data-Driven Tests**
 - Describe and use parameter types
 - Insert an input parameter
 - Insert an output parameter
 - Parameterise a checkpoint
 - Evaluate results for iterative tests
- **Using Multiple and Reusable Actions**
 - Create multiple actions from a single action
 - Define an action as reusable
 - Call a reusable action into a main test
 - Drive data using local and global data sheets
- **Adding Steps Without Recording**
 - List the types of steps that can be added to a test without using the Record feature
 - Use conditional statements in a test
 - Use the Reporter feature to report events as a step in the test
 - Use Step Generator
- **Creating Tests on a Web Application**
 - Record and run a test on a Web application
- **Using Custom Checkpoints**
 - Create a parameterised checkpoint
 - Compare captured parameter values with expected values
 - Use debug tools to investigate and cause failures
 - Verify that the reported error message reflects the state of the test
- **Using Database Checkpoints**
 - Identify the purpose of a database checkpoint
 - Create a Structured Query Language (SQL) statement
 - Create an SQL query using Microsoft Query
 - Create a database checkpoint
 - Parameterise a database query
 - Manage shared object repositories by using Object Repository Manager



- **Object Recognition Problems and Solutions**
 - Describe the advantages of low-level and analog recording
 - Record a test by using low-level recording
 - Record a test by using analog recording
 - Create a bitmap checkpoint
 - Describe the advantages of virtual objects
 - Create virtual objects to solve playback issues
- **Using Recovery Scenarios**
 - Identify exceptions in a test
 - Create a recovery scenario
 - Associate a recovery scenario with a test
 - Set an optional step in a test
- **Using Sample Test Applications**

Summary

- Useful Resources and Support
- Exercises
- Q&A sessions

If you require more information or clarification of the above course please email sales-hp@testhouse.net or contact the following HP Software Team in your country:

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