



QTP/ALM INTENSIVE TRAINING COURSE – 4 DAYS

Course Details

Overview:

Using QuickTest Professional (QTP) intensive course teaches you how to create automated tests on a standard Windows environment for functional testing including VB programming and QTP framework.

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
- Advanced debugging techniques
- Advanced scripting Techniques
- 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
- VB Programming
- Database Manipulation
- Error Handling
- QTP framework
- When to consider automation

Duration:

4 Days

Who should attend:

New Users of QTP, Quality Assurance (QA) Engineers

Prerequisites:

Working knowledge of Windows, websites, testing concepts and browsers

Topics:

Day 1 – QTP Basics

- Creating a basic test (record and playback)
- Using the object spy to identify unique properties
- Using the object repository
- Object Identification
- Using checkpoints.(some basic checkpoints)
- Using regular expressions
- Input & output parameters
- Data-driven tests using local and global datasheets
- Creating Reusable actions
- Creating custom checkpoints using the reporter object
- Working with QTP Reports

NOTE: Hands-on wherever applicable

Day 2 – QTP Advanced features

- Use of the expert view
- Object repository manager:
 - Using regular expressions for object recognition
 - Understanding of smart identification



- Ordinal Identifiers
- Adding all objects from an application in one go
- Using the “update from application” feature
- VB scripting

NOTE: Hands-on wherever applicable

Day 3

- Environmental variables
- Using the datatable
- Using Database Checkpoints
 - Identify the purpose of a database checkpoint
 - Create a Structured Query Language (SQL) statement
 - Create a database checkpoint
 - Parameterise a database query
 - Manage shared object repositories by using Object Repository Manager
- Working with dynamic objects
 - Descriptive programming for object identification.
 - Using child objects to iterate and find objects in the AUT.
- Debugging
 - Watching variables
 - Use of breakpoints
 - Stepping into / over
- Error handling

NOTE: Hands-on wherever applicable

Day 4

- QTP Framework
- Integrating ALM and QTP
- When to automate
- Summary and discussion from the course

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:

1. HP Software Team UK - +44 020 8555 5577 or email Melanie: melanie.ancheta@testhouse.net
2. HP Software Team USA - +1 310 7740820 or email Sug: sug@testhouse.net
3. HP Software Team Spain - +34 915 590 603 or email Jose: jose.aguilaniedo@testhouse.net
4. HP Software Team India - +91 471 270 0117 or email Vijay: vijay.kumar@testhouse.net
5. HP Software Team ME - +971 50 354 9541 or email Shalu: shalu.niyad@testhouse.net