

QuickTest Pro Mastering the Web Course Summary

Description

This course provides a comprehensive understanding of using QTP as an automated functional testing tool for Testing Web applications. Students will use QTP Professional to automate applications that use Web application or Web Environments.

Objectives

At the end of this course, students will be able to:

- Understanding objects hierarchies on web applications.
- Understand and control effective QTP web configuration, settings and object recognition according your Web application structure. DHTML, Web Objects overview, manipulate and retrieve run-time properties and methods.
- Understand advanced usage of QTP web utilities such WebLauncher and WebOptions as well as undocumented QTP utilities such the WebUtil.
- Use freeware tools (Dev Toolbar, DHTML Spy) to improve the code implementation

Topics

- Testing the web
- Terminology of the Web.
- Testing Web-Based Applications.
- About testing Web Objects.
- Supported Checkpoints.
- QuickTest Web Add-in.
- Web Record and Run Options.
- Working with Web Browsers.
- Web Record and Run Settings.
- Defining Record and Run Environment Variables.
- QTP Web objects review (Browser, Page, Frame, WebEdit)
- Setting Web Testing Options.
- Object identification techniques for web.
- QTP Web Events Recording Configuration.
- CreationTime property and the Desktop Collection.
- Introduction to ActiveX objects.
- IExplore security configuration.
- Introduction to DHTML and DHTML objects.
- Tools
- DevToolBar
- DHTML Spy
- Handling web-trees.
- WebXml Checkpoints.
- The FireEvent Common Method.
- QTP DP (Descriptive Programming for Web Applications)
- QTP Web Objects
- WebUtil
- WebLauncher
- WebOptions.
- Optional - SVG technology Introduction to test objects and web objects.

Audience

This course is designed for QTP Programmers that need to automate web environments with dynamic objects, and wants to increase the experience and the knowledge of the Web applications world.

Prerequisites

Students should have experience with First Steps Web Scripting QTP, Basic or Basic VBScript Knowledge.

Duration

Two days

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