



CT - QTP - 201

Mastering the Web

Overview

This core course provides a comprehensive understanding of using QuickTest as an automated functional testing tool for Web environments.

The course covers the use of QTP on advanced graphical point and click interface to record and run tests.

You will understand the HTML DOM and object hierarchy, different tags types and structures.

Understand and control effective QuickTest web configurations, object recognition and event handler adjusted settings..

You will learn about commercial tools that help us to analyze the web application and improve the code implementation, DHTML, run-time properties and method manipulation.

Advanced usage of QuickTest web utilities such WebLauncher, WebOptions as well as undocumented utilities like the WebUtil.

You will learn about commercial tools that help us to analyze the web application and improve the code implementation, DHTML, run-time properties and method manipulation. Handling popular widgets, like accordion menus, sliders, toggles, calendars, combo-boxes, masked input, tree views, tab bars and much more.

Note: All topics are supported by hands-on exercises based on real-life examples.

Duration

2 days

Also Recommended

CT-QTP-202 : Mastering the WEB - Extended

CT-QTP-203 : Mastering the WEB - Services

Intended Audience

QTP Programmers at the advanced and intermediate levels.

Testers that want to automate tests in a Web environment.

QTP Programmers that want to increase the productivity and their knowledge of how to automate Web applications.



Professional Prerequisites

Experience in Software Testing

CT-QTP-200 : First Steps WEB

CT-QTP-101 : Scripting QTP - Basics or Basic VB Scripting Knowledge

Technical Prerequisites

Valid HP QuickTest Pro software/license with the Web Add-in

Internet access to connect to sample applications

Setup training material files

Career Track Relevancy

QTP Web Programmer

QTP .NET Web Programmer

QTP SAP Web Programmer

Discovering QTP

TOPICS

Testing Web-Based Applications

- Terminology of the Web
- QuickTest Add-ins
- Testing the Web

Configuring QuickTest for Testing Web-Based Applications

- Working with Web Browsers
- Web Record and Run Settings
- Web Testing Options
- Defining Web Settings
- Web Event Recording Configurations
- Automatic Web Configuration Setup

Web Test Object Model - Containers

- The Document Object Model



- Web Browser
- Web Page
- Web Frame
- Web ViewLink
- Web Tools

Web Test Object Model - Anchors

- Object Properties and Methods
- About Anchors
- Firing Events
- Handling Tabbed-Bars
- Accordion Menu
- Navigation Bars
- Menu Controls

Web Test Object Model - Select Options

- List Objects
- Overriding Popular properties
- Custom Lists
- Synchronizing and Checking Lists

Web Test Object Model - Input

- The Html Input Tag
- WebEdit Test Object
- WebEdit Widgets
- WebButton Test Object
- WebCheckBox Test Object
- WebRadioGroup Test Object
- WebFile Test Object



Web Test Object Model - Images and ActiveX

- Web Images Usage
- Embedded ActiveX objects
- Java Applets

Web Test Object Model - Tables

- About Web Tables
- Working with Web Tables
- Controlling how QTP identifies tables