

Advanced QuickTest Professional 9.5 (2 Days)

Course Description



INTENDED AUDIENCE

- Quality assurance engineers who will assume technical lead roles in the use of QuickTest Professional.
- Quality assurance engineers who will support business analysts using Business Process Testing.
- Other users of QuickTest Professional who need to customize and enhance their automated tests using scripting.

DURATION: 2 DAYS

OVERVIEW

Take your functional test automation skills to the next level by learning to use the Expert View in QuickTest Professional. Through discussions and hands-on exercises, you will learn to create steps that work with dynamic objects and data, use VBScript conditional and looping statements to control the flow of your tests and components, and use Data Table methods and database connection objects to retrieve external data.

COURSE OBJECTIVES

At the end of the course, you will be able to:

- Identify when Expert View is useful.
- Retrieve and use the properties of an object.
- Create programmatic descriptions.
- Create tests that include VBScript.
- Retrieve data from application objects.
- Use the Data Table object to store run-time data and drive actions.
- Create scripts that access data from external sources.
- Create new subroutines and functions.
- Use the Function Library editor.
- Identify when to handle exceptions programmatically.

PREREQUISITES

- **Using QuickTest Professional**
- Prior development experience in any high-level programming language is beneficial.

DAY 1

Course Overview

- Introduction to Advanced QuickTest

Introduction to Expert View

- Understanding Expert View
- Introduction to VBScript or OOP
- Translating Steps

Using Expert View

- Using the Step Generator
- Entering Steps Manually
- Debugging the Script

Working With Object Properties

- Retrieving Properties of an Object
- Using Constants and Variables
- Using the Report Utility Object

Working with Dynamic Objects

- Using Dynamic Objects
- Building a Programmatic Description

DAY 2

Using VBScript

- Using VBScript Operators, Statements, and Functions

Working with Dynamic Data

- Retrieving Data
- Using Looping Statements
- Using the Data Table Object

Retrieving External Data

- Importing Data
- Working with Databases and File Systems

Creating New Procedures

- Working with Procedures
- Building a Library
- Using a Procedure in Different Scenarios

Managing QuickTest Exception Handling

- Overview of Exception Handling
- Handling Exceptions Through Recovery Scenarios
- Handling Exceptions Programmatically