

## Advanced HP QuickTest Professional 9.5

### 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.

### Learning Method

You will receive expert instruction from an ITIL specialist who will present the course using slide presentation and facilitated discussion. At the end of each chapter there will be review questions followed by a hands on exercise to ensure understanding of each lesson.

Each student will receive a copy of the HP Advanced QuickTest Professional manual. This manual is used throughout the course and proves a useful reference tool upon completion of the course.

### Who will benefit from this course?

- 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.

### Pre-Requisites for this course

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

### What you can expect to gain from this course?

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.

**Duration: 2 days**

**Scheduled In:**  
**MELBOURNE**  
**SYDNEY**  
**BRISBANE**

**On Demand In:**  
**CANBERRA**

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- Create new subroutines and functions.
- Use the Function Library editor.
- Identify when to handle exceptions programmatically.

## Course Content

### Day 1

#### Course Overview

- Introduction to Advanced QuickTest

#### Introduction to Expert View

- Understanding Expert View
- Introduction to VBScript and 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 Reporter 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 DataTable Object

#### Retrieving External Data

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- 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

### Related Courses

Using HP QuickTest Professional 9.5