



Advanced Quick Test Professional 9.2

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 the advantages of Expert View.
- Translate steps between Keyword View and Expert Views.
- Enter test steps in Expert View.
- Retrieve and use the properties of an application object.
- Use constants and variables in tests.
- Identify application objects with programmatic descriptions.
- Create tests that include VBScript operators, functions, and statements.
- Retrieve data from application objects.
- Describe and use various VBScript looping statements.
- 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.
- Create and associate a library of functions.
- Use the Function Library editor.
- Identify when to handle exceptions programmatically.

PREREQUISITES

- Using QuickTest Professional or Using QuickTest Professional with Business Process Testing
- At least three months working automating test scripts using QuickTest Professional or prior development experience in any high-level programming language.

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.

USING VBSCRIPT OPERATORS, STATEMENTS, AND FUNCTIONS

- 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.