

UFT 12 Advanced

3 Day On-Line Course

3
Days

This comprehensive course covers all the essential advanced scripting techniques in Unified Functional Testing (UFT) 12 for GUI applications (API testing is not covered).

Designed for testers with previous automation experience, it takes the UFT developer through advanced programming approaches in the expert view. Providing them with the skills to overcome common real-world scenarios.

This course is delivered as an instructor-led on-line course (VILT Training) over 3 sessions. Each session is 3 hours long and is delivered over a 3 day period. A workbook is provided and homework exercises are included.

Course Objectives

- Understand the features of the Expert View development environment
- Understand how UFT makes use of Microsoft VBScript to enhance your UFT tests
- Learn how to overcome problems experienced from trying to use record & replay
- Understand how you can design robust tests against dynamic applications
- By the end of the course you should have a complete understanding of how to develop reliable, robust UFT test scripts

Course Pre-requisites

- Attended the UFT or QTP Introduction course or
- Practical use of QTP/UFT

Key Points

The Expert View

Explains the differences between the Keyword and Expert view. Also covers all the debugging features of the UFT development environment. Introduction to using variables in the Expert view.

Capturing Application Data

Covers the various methods for capturing data from your system under test for checking, or outputting to the Data Table and Results. How to pass data between Actions.

Custom Checkpoints

How to create your own checkpoints using the Expert view. Demonstrates how to check dynamic data. The Exist object property.

Object Recognition Problems

Key points for overcoming object recognition problems. Covers the 3 recording modes, Virtual Objects, and mapping custom classes. Smart Identification explained. How to use Visual Identifiers in the Object repository. How to use Insight Objects to identify problematic objects.

Dynamic Objects

How to test dynamic applications whose interfaces change at run-time. Looks at making the Object Repository more flexible, descriptive programming and capturing object collections from your system under test.

Using External Data

Learn how to get UFT to extract data from text files, or external excel spreadsheets to data-drive your testing. Looks at the new file comparison checkpoint.

Functions

Covers creating procedures in UFT, storing them in function libraries, calling them from scripts.

Error Handling

Covers multiple solutions to error-handling. Make your scripts more robust & reliable using recovery scenarios, conditional statements, using the RunStatus or the VBScript Error Object to detect test failures then handle them accordingly.

Takes your scripting skills up to an advanced level using the Expert View

Recommended for all UFT/QTP users