UFT 12 Introduction

3 Day On-Line Course

edge words

This comprehensive course covers all the essential principles of using Unified Functional Testing (UFT) 12 against GUI applications (API testing is not covered).

Designed for beginners as well as testers with previous automation experience, it takes the new-comer to UFT through all the basic techniques of scripting in the Keyword View.

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 key principles of test automation; record & replay, synchronisation, checkpoints, data-driven testing
- understand how to structure your automated testing
- gain a full understanding of how UFT integrates with the system under test
- Understand how to manage Object Repositories and the test automation architecture
- By the end of the course you should have a complete understanding of how to develop reliable, robust UFT test scripts

Course Pre-requisites
- none

Key Points

Introduction
Overview of the UFT interface, UFT general settings, the Add-In Manager and the training applications

Record & Playback
How to create a basic script using record & replay in the keyword view

Object Recognition
Explains how UFT recognises objects in the system under test. Describes the Object Repository and the different Object Repository types. Explains the UFT Test Object Model

Using Shared Object Repositories
Discuss the different approaches to managing Object Repositories, how to create & maintain shared Repositories. Covers using the Object Repository Manager and how to associate repositories with tests.

Synchronisation & Checkpoints
How to use synchronisation to ensure that UFT waits for your application to complete processes and how to insert standard checkpoints in your script to test your application.

Multiple Actions
How to break your script down into smaller components called Actions, covers all types of Actions, and how to re-use Actions in other scripts.

Data-driven testing
How to use the built-in Data Table to data-drive tests with multiple test cases. Explains Global and Local sheets and how to change the test execution flow.

Passing Data between Actions
Looks at the various techniques for passing data between Actions and tests such as Action Parameters, Environment Variables and the DataTable.

Recovery Scenarios
How to create your Recovery Scenarios for error-handling pop-up windows.