

# UFT One Introduction

## 3 Sessions Online

3  
Days

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

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

Throughout the course practical examples are demonstrated, and optional exercises can be undertaken by the students between sessions.

### 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

### Delivery Method

- Live online training course (Instructor-Led), delivered over 3 sessions of approximately 3.5 hours each. You will be provided an e-workbook for the course and homework exercises between sessions.

### 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.

#### Database Checkpoints

How to create your database checkpoints. Demonstrates how to check dynamic data.

The introductory UFT course that takes you from beginner through to writing effective automated tests in UFT

Recommended for anyone new to UFT