UFT v12 Introduction to GUI Testing (QuickTest)

Course Summary

Description

This course covers the usage of HP UFT to automate functional test scripts. Attendees will learn software testing automation concepts and techniques to enable them to take advantage of the HP UFT functionality to create a regression suite of tests.

Topics

- Record and Playback User Actions
- Object Recognition and Management
- Application Verification
- Synchronization
- Parameters and Data Driving
- Using Multiple Actions in Tests
- Introduction to Expert View
- Writing Custom Verification Points
- Debugging tests

Audience

This course is designed for quality assurance engineers, technical managers, software engineers, customer support engineers and anyone who needs to automate manual testing and verification processes.

Prerequisites

There are no prerequisites for this course.

Duration

Three days

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Course Outline

I. Record and Playback User Actions
   A. How HP UFT records user actions
   B. How to record a test case
   C. How to play back a test case and view the results

II. Object Recognition and Management
   A. How HP UFT recognizes application objects
   B. Managing test objects
   C. Using shared object repositories
   D. Insight – Image-Based Object Identification

III. Application Verification
   A. How to add verification to a test
   B. Adding Checkpoints in web and windows applications

IV. Synchronization
   A. What is test synchronization
   B. Recognizing when to add synchronization to the test
   C. Parameters and Data Driving
   D. Why and how to parameterize and data drive the test

V. Using Multiple Actions in Tests
   A. Separating a test into multiple actions
   B. Reusing actions in multiple tests

VI. Introduction to Expert View
   A. Translating steps between Keyword View and Expert View
   B. Adding steps in Expert View

VII. Writing Custom Verification Points
   A. Adding custom application verification points in Expert View

VIII.Debugging tests
   A. Using the Debug viewer and breakpoints
   B. Techniques for debugging test scripts.