

UFT One 2021.x Advanced (UFTO350-2021)

ID UFTO350-2021 Prix sur demande Durée 2 jours

A qui s'adresse cette formation

Quality Assurance engineers or any new users of UFT One.

Pré-requis

To be successful in this course, you should have the following prerequisites or knowledge:

- Working knowledge of Windows and web browsers
- Experience with programming or scripting languages

Objectifs

Upon successful completion of this course, you should be able to:

- List the main components of the Editor
- Identify when to use the Editor
- Retrieve and use the properties of an object
- Create programmatic descriptions
- Create tests that include VBScript
- Retrieve data from application objects
- 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
- Use the Function Library editor
- Identify when to handle exceptions programmatically

Contenu

Module 1: Course Overview

- Identify the contents and objectives of the course
- Define the class schedules and class logistics
- Identify the related courses
- Discuss the lab environment details

Module 2: Introduction to the Editor

- Identify the advantages of the Editor
- Translate steps between the Keyword view and the Editor view

- Explain how VBScript and objects are relevant to Unified Functional Testing One (UFT One) for GUI testing
- List common test objects and methods used in UFT One for GUI testing

Module 3: Using the Editor

- Use the Step Generator to create new steps in your test
- Enter steps manually in the Editor
- Document the steps of a business process
- Use statement completion (IntelliSense)
- Trace and debug tests

Module 4: Using VBScript

- Create constants and variables to hold important values
- Format steps and create comments for clarity
- Use operators to modify or compare values
- Build conditional statements
- Call built-in functions from the VBScript function library

Module 5: Working with Object Properties

- Retrieve any property of any object in the application during a test run
- Retrieve and set properties in the object repository
- Use additional properties of the Reporter utility object

Module 6: Working with Dynamic Data

- Retrieve useful properties from list-type objects
- Describe the VBScript looping statements
- Use additional methods to explore the Data Table

Module 7: Working with Dynamic Objects

- Identify types of dynamic objects
- Manage the dynamic properties of objects in the object repository
- Build a programmatic description for an object
- Create and use a Description object
- Retrieve a collection of child objects from a parent object

Module 8: Retrieving External Data

- Build scripts that access data from external sources
- Import data from and export data to a Microsoft Excel

worksheet

- Perform DataTable operations
- Use the Connection and RecordSet objects to query a database
- Import and export data to text files

Module 9: Handling GUI Testing Exceptions

- Describe exceptions in a test
- Describe how to handle exceptions with the test settings
- Describe how to handle exceptions with Recovery Scenarios
- Handle exceptions programmatically with VBScript
- Handle positive and negative test data

Module 10: Creating New Procedures

- Identify the advantages of creating a procedure in a test
- Create new subroutines and functions
- Build a function library and associate it with a test
- Register a procedure with an object class
- Use a function as a recovery operation in a recovery scenario

Module 11: Integrating UFT One with ALM

- Integrate UFT One with the Application Lifecycle Management (ALM) software
- Connect to the ALM Server from UFT One
- Execute a UFT One Test from ALM

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