

Micro Focus-Unified Functional Testing with Live Use Cases

Introduction to Automation Testing

- What is Automation Testing?
- Benefits of Automation Testing?
- Manual Testing vs. Automation Testing
- Types of Automation Testing Tools
- Tool selection Criteria
- Automation Testing Process
- When should Test Automation be used?
- When should Test Automation be avoided?

Introduction to QuickTest

- Overview of Add-In Manager and QuickTest
- QuickTest Window and Tools
- QuickTest Commands
- Tools in QuickTest

Record and Playback

- Recording a Test
- Understanding your recorded Test
- Executing a Test
- Different Recording Levels
- Default Recording
- Analog Recording
- Low Level Recording
- Analyzing the Results

Introduction to VB Script

- Difference between Languages and Scripts
- VB script Language Overview
- Data Types in VB Script
- Variables and Constants
- Dim and Option Explicit

Working with Test Objects and Object Repositories

- Object Repository Introduction
- How Objects are added into OR
- Identifying the Objects
- Viewing the Object Properties
- Object Repository Modes
- Per-Action vs. Shared Object Repository
- Object SPY
- OI Introduction
- User Defined Objects
- Smart Identification
- Managing Object Repositories
- Merging Shared Object Repositories
- Associating Shared Object Repositories to a Test
- Merging Object Repositories

Synchronization

- What is Synchronization?
- Synchronizing Your Tests
- Synchronization Methods
- Adding Wait Property Method
- Adding Wait Method, Adding Exist method
- Adding Sync Method
- Global Synchronization Settings
- Browser vs. Page Sync()
- Web Event Recording Configuration

Checkpoints

- Introduction
- Adding Checkpoints while recording
- Types of Checkpoints
- Standard Checkpoint
- Text Checkpoint, Text area Checkpoint
- Bitmap Checkpoint
- Database Checkpoint
- Accessibility Checkpoint

Output values

- Introduction
- Types of Output Values
- Creating Output values

Storing output values

Actions

- Introduction to Actions
- Types of Actions, Creating Actions
- Inserting Call to Actions
- Insert Call to Copy of Action
- Insert Call to Existing Action
- Splitting Actions
- Input and Output Parameters
- Action Template

Parameterization Tests and Data Driven Tests

- What is Parameterization?
- Parameterizing a Test Manually
- Parameterizing Using Actions
- Parameterizing Using DataTables
- Parameterizing Using Environment Variables
- Built-in Environment Variables
- Internal Environment variables
- External Environment Variables
- Parameterizing Using Random Number

Working with DataTables

- Introduction
- Working with global and Action Sheets
- Editing and Saving DataTables
- DataTable Methods
- DataTables and Database
- Importing and Exporting Data to/ from Spread Sheet

Regular Expressions

- Introduction to Regular Expressions
- Defining Regular Expressions
- Running and Analyzing Regular Expressions
- Regular Expression Characters
- When to use Regular Expressions in QuickTest
- Step Generator

Recovery Scenarios

Introduction to Trigger Events

- When to use Recovery Scenarios?
- Default Recovery Scenarios
- Recovery Function call
- Recovery Scenario Manager
- Error Handling
- Creating Recovery files
- Associating Recovery files

Virtual Objects

- Introduction
- What is Virtual Object?
- Creating Virtual Object
- Virtual Object Manager
- Entire Parent hierarchy
- Parent only

Debugging in Quick-Test

- Establishing our Debugging Configuration
- Using Break Points
- Step Into, Step Out and Step Over
- Debug viewer Pane
- Working with Watch Expressions Tab
- Working with the Variables Tab
- Working with the Command Tab

Library Files

- Associating a Library globally with a test
- Dynamically Loading libraries locally at run-time

- Dynamically Loading libraries globally at run-time
- Applicability of Option Explicit

Working with Databases

- Introduction
- Checking the state of Connection or Recordset
- Database Connectivity
- Exporting the results of a query to DataTable

- Working with Flat Files
- Introduction
- Types Flat Files, Modes of Flat Files
- Advantages FSO

Utility Objects

- The Crypt Object
- The OptionalStep Object, The PathFinder Object
- The SystemUtil Object, The RegisterUserFunc Object
- The Services Object, With--- End with
- Transactional Statements

QTP Automation Object Model

- Introduction
- Automation QuickTest Operations
- When to use AOM Scripts
- How can we use AOM to launch QuickTest on Remote Machine

HTML DOM

- When to use HTML DOM?
- When not to use HTML DOM?
- HTML DOM Objects
- Converting a DOM object QTP Test Object

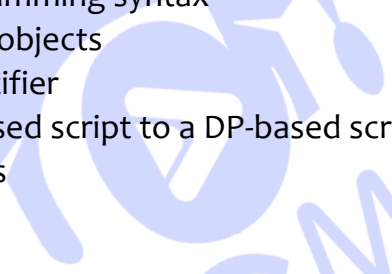
Working with Web Tables

- Introduction

- Accessing the web tables
- Clicking inside the web table
- Row count
- Column Count
- GetCellData

Descriptive Programming

- Introduction
- Advantages of Descriptive Programming
- When to use Descriptive Programming
- Descriptive Programming syntax
- Using description objects
- The micclass Identifier
- Converting OR based script to a DP-based script
- Types DP Methods


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