

# Testing Training: Automtated Testing with UFT (UFT, 4 jours)

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## Description

The course Automated Testing with UFT (Testing Training) is a complete exploration of automated testing with HP UFT. The training includes test planning including master test plans, text cases and testing lifecycle management. The course also covers UFT projects, test recording, advanced test configuration with UFT, database connectivity, test automation & exception handling.

## Tarifs

- Tarification: \$3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

## Plan de cours

### Introduction to HP Unified Functional Testing®

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What is HP UFT®?

Exploring UFT® Tools and Features

About HP UFT® in a Lifecycle Environment

Preparing the Environment

Installing HP UFT®

Installing HP UFT® Clients

Migrating from Previous Versions

### Working with Releases

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The Application Life Cycle Management Process

About Releases and Cycles

Working with Release Trees

Requirements, Releases and Cycles

### Working with Requirements

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Requirements Module

About the Requirements Gathering Process

About Requirement Types

Documenting Requirements

Working with Requirements

Building a Requirements Tree

Viewing, Modifying and Converting Requirements

About Requirements and Releases

About Requirements Traceability

About Requirements and Risks

Working with Cycles: Monitoring and Tracking Progress

### Domains and Projects

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HP UFT® Overview

Creating Domains and Projects

Enabling Versioning

Creating and Managing Users

### Testing Fundamentals

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Test Plans

Test Plan Module

- About Creating Tests
- Working with Test Parameters
- Working with Test Scripts
- Linking Tests to Requirements
- Displaying Test Coverage Analysis Graphs

Executing Tests

- Working with Test Sets
- Working with Tests
- Automatic versus Manual Tests
- Working with Test Results

Mastering Version Control

- The Need for Version Control
- About Check-In and Check-Out
- Defining Libraries and Baselines

Recording Tests

- The QuickTest Workspace/ Window
- Understanding and Preparing the Test Environment
- Recording a First Test and Understanding the Results
- Working with Objects and Object Properties
- Working with Synchronization
- Working with Checkpoints
- Standard Checkpoint - Book a Flight Page Demo
- Pages Checkpoint
- Tables Checkpoint
- Text Checkpoint
- BMP and Image Checkpoint
- Return Value Checkpoint
- Working with Regular Expressions
- Sample Regular Expressions
- Using Debugging Tools

Advanced Testing

- Working with Parameters: Input and Output
- Data Driven Tests
- Creating Reusable Actions
- Expanding Actions to Multiple Actions
- Adding Optional Steps
- Working with Objects
- Web Application Testing
- Custom Checkpoints plus the Reporter Object

Working with Databases

- Creating / Inserting Database Checkpoints
- Working with SQL Queries
- About Parameters and Database Queries

Test Automation

- VB Script and UFT
- VBScript Essentials
- Working with Data: Importing Data
- Importing Data – Databases
- Creating a Support Code Library

Exception Handling

Overview of Error Types

Error Handling Demystified – Error Prevention vs Error Handling

Using Recovery Scenarios

Handling Exceptions Programmatically

Scripting and Synchronization Point

QTP Exit Statements

Working with Defects

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Defect Logging

Defect Retrieval and Analysis

Defect Association/ Link

A Complete Lifecycle Testing Lab

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