

UNIFIED FUNCTIONAL TRAINING (UFT) ONE 15.0

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- Access printable job aids targeted towards specific application tasks.
- View or practice a task in a simulated environment.
- Experience full learning with key terms and concepts, product demonstrations and self- assessments by viewing the entire course.

Regardless of which route chosen, users will gain an understanding of the important key concepts, as well as gain competency in both the navigation and functionality of the application.

Course Description

This course introduces you to the fundamentals of Unified Functional Testing (UFT) One 15.0. In this course, you will learn about the new features and enhancements available in UFT, to record the GUI test, and add steps without recording. You will learn about the UFT One Object Model, UFT One Configurations, UFT One web services and to integrate UFT one with ALM.

Audience/Job Roles

This course is intended for all Automation Testers of the UFT One application.

Course Objectives

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

- Describe what is UFT One
- Explain the new features of UFT One 15.0
- Explain running and recording of GUI Tests
- Insert steps without recording
- Describe Local and Shared object repositories
- Insert synchronization, use checkpoints and parameters, and manage multi-action tests
- Create an API test and import REST, WSDL, and WADL Web services
- Integrate UFT One with ALM

Prerequisites / Recommended Skills

To be successful in this course, you need to have a working knowledge of UFT One.

Course Topics

Lessons	Objectives
Module 1: Introduction to Unified Functional Testing One 15.0	<ul style="list-style-type: none">▪ Introduction▪ Objectives▪ Functional Testing Solutions▪ Introducing the UFT Family▪ UFT One, UFT Developer, and UFT Mobile: Feature Comparison▪ UFT One Testing Workflow▪ Benefits of Automated Testing▪ New Features in UFT One 15.0<ul style="list-style-type: none">▪ New Data Table▪ Newly Supported Technologies▪ New Enhancements in UFT One 15.0▪ Navigate UFT One 15.0*▪ Navigate the Application Under Test*▪ Summary▪ Assessment

Module 2: Record and Run a Basic Test	<ul style="list-style-type: none"> ▪ Introduction ▪ Objectives ▪ Add-in Manager Dialog Box ▪ Record and Run Settings: Windows Applications Tab ▪ Explore Recording Options* ▪ Explore Run Options* ▪ The Record Toolbar ▪ Record a Basic GUI Test* ▪ Run a Basic GUI Test* ▪ Summary ▪ Assessment
Module 3: Introducing the UFT One Test Object Model	<ul style="list-style-type: none"> ▪ Introduction ▪ Objectives ▪ Identifying Object Classes and Properties ▪ Use Object Spy* ▪ Object Identification ▪ Introducing Object Repository ▪ Defining Local and Shared Object Repository ▪ Add AUT Objects to the Local Object Repository* ▪ Highlight Objects* ▪ Locate and Update an Object* ▪ Change the Logical Name and Physical Description* ▪ Create Visual Relationship Identifiers* ▪ Introducing AI-Based Testing ▪ Create an AI-Based Testing* ▪ Summary ▪ Assessment
Module 4: Use a Shared Object Repository	<ul style="list-style-type: none"> ▪ Introduction ▪ Objectives ▪ Defining Local Object Repository ▪ Convert the Local Object Repository to Shared Object Repository* ▪ Using the Object Repository Manager ▪ Create a Shared Object Repository* ▪ Associate a Shared Object Repository with an Action* ▪ Visual Relation Identifiers ▪ Summary ▪ Assessment
Module 5: Insert Synchronization	<ul style="list-style-type: none"> ▪ Introduction ▪ Objectives ▪ Introducing Synchronization Point ▪ Test Synchronization ▪ Add a Synchronization Point* ▪ Synchronization Timeouts and Point Test Replay* ▪ Create Global Synchronization Timeouts* ▪ Summary ▪ Assessment

Module 6: Use Checkpoints	<ul style="list-style-type: none"> ▪ Introduction ▪ Objectives ▪ Defining Checkpoints ▪ Types of Checkpoints ▪ Setting a Checkpoint ▪ Insert Checkpoints During Recording* ▪ Insert a Standard Checkpoint After Recording* ▪ Replay a Script with a Checkpoint* ▪ Summary ▪ Assessment
Module 7: Use Parameters	<ul style="list-style-type: none"> ▪ Introduction ▪ Objectives ▪ Parameter Types ▪ Defining Data Table ▪ Local and Global Sheet ▪ Setting Parameters from ALM ▪ Create Data Table Parameters* ▪ Playback a Parameterized Script* ▪ Automatically Parameterize Steps* ▪ Creating Output Parameters ▪ Create a Standard Output Parameter* ▪ Create Random Number Parameters* ▪ Summary ▪ Assessment
Module 8: Managing Multi-action Tests	<ul style="list-style-type: none"> ▪ Introduction ▪ Objectives ▪ Action Types in GUI Testing ▪ Adding Actions to a Test ▪ Test Results for Multiple Actions ▪ Insert a New Action into a Test* ▪ Add Actions During a Recording* ▪ Modify Action Properties* ▪ Integrate Multi-action Tests with Data* ▪ Summary ▪ Assessment
Module 9: Adding Steps Without Recording	<ul style="list-style-type: none"> ▪ Introduction ▪ Objectives ▪ Types of Steps Inserted Without Recording ▪ Using Step Generator ▪ Use Step Generator* ▪ Using Conditional Statements in a Test ▪ Use Conditional Statements in a Test* ▪ Reporting an Event to the Test Results ▪ Report an Event* ▪ Summary ▪ Assessment

Module 10: Creating Tests on a Web Application	<ul style="list-style-type: none"> ▪ Introduction ▪ Objectives ▪ Enabling the Web Add-in ▪ Supported Browsers and Capabilities ▪ Prepare the Test Environment* ▪ Recording Configuration for Web Objects ▪ Record a Web Application Test* ▪ Add Checkpoints for a Web Object* ▪ Summary ▪ Assessment
Module 11: Introduction to REST Services	<ul style="list-style-type: none"> ▪ Introduction ▪ Objectives ▪ API Testing with WSDL and REST ▪ Automated SOA Testing ▪ Import a WSDL-based Web Service* ▪ Create a REST Service Model ▪ Create a REST Service by Importing a WADL* ▪ Create a REST Service by Using the REST Editor* ▪ Summary ▪ Assessment
Module 12: Introduction to UFT Web Services	<ul style="list-style-type: none"> ▪ Introduction ▪ Objectives ▪ Adding Data Sources to an API Test ▪ Importing a WSDL ▪ Import a Web Service* ▪ Initiating an API Test ▪ Run an API Test* ▪ Define API Test Checkpoints* ▪ Run a Data-driven Test* ▪ Use Output from a Previous Step as an Input* ▪ Summary ▪ Assessment
Module 13: Integrating UFT One with ALM	<ul style="list-style-type: none"> ▪ Introduction ▪ Objectives ▪ UFT Add-in for ALM ▪ Supported UFT and ALM Integration ▪ Integrate UFT with ALM* ▪ Running Tests from ALM ▪ Run the Test from ALM* ▪ Create BPT Components in UFT* ▪ Run a BPT Test from ALM* ▪ Summary ▪ Assessment

❖ Indicates a simulation

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