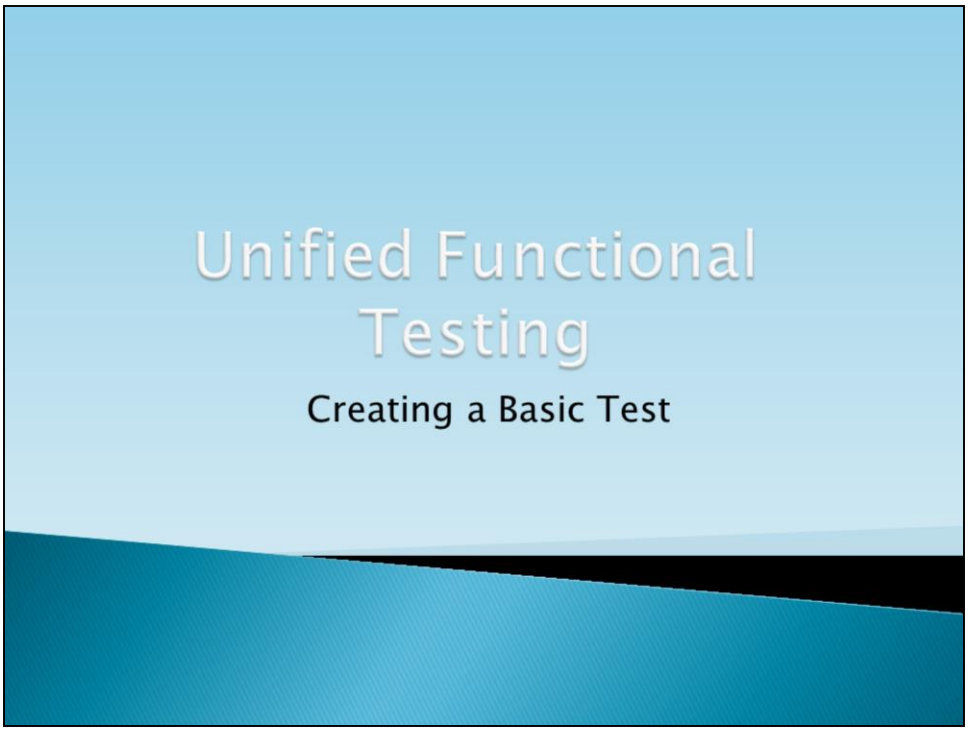

Unified Functional Testing
Creating a Basic Test

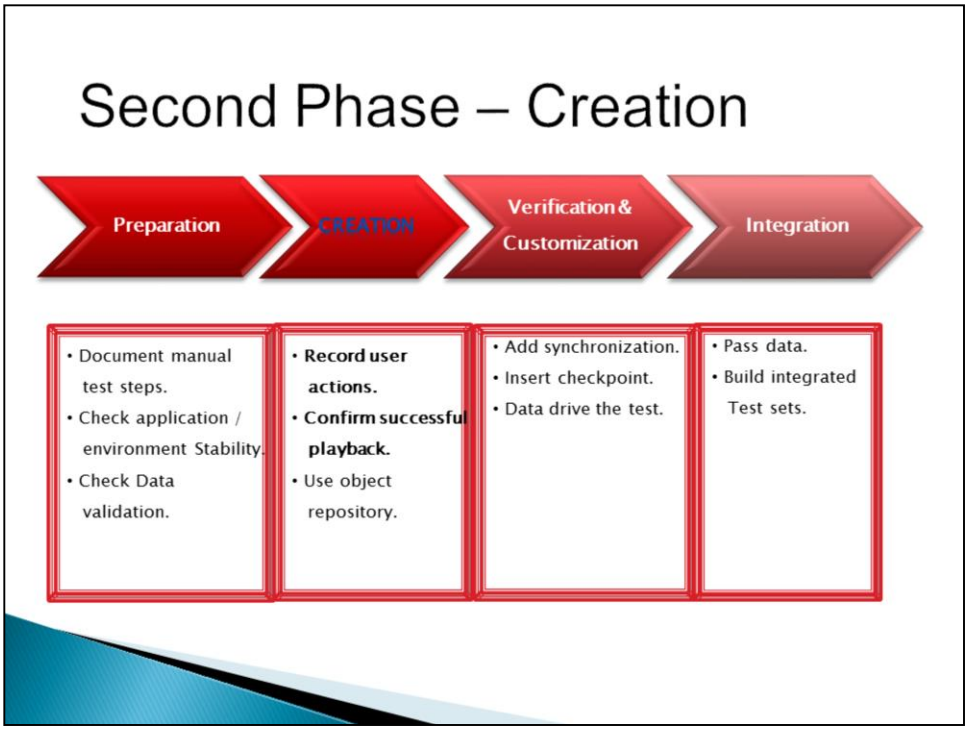
Lesson Objectives

By the end of this Lesson you will be able to:

- Create a basic test from a manual test case.
- Run a test and check for errors.
- Save a test.

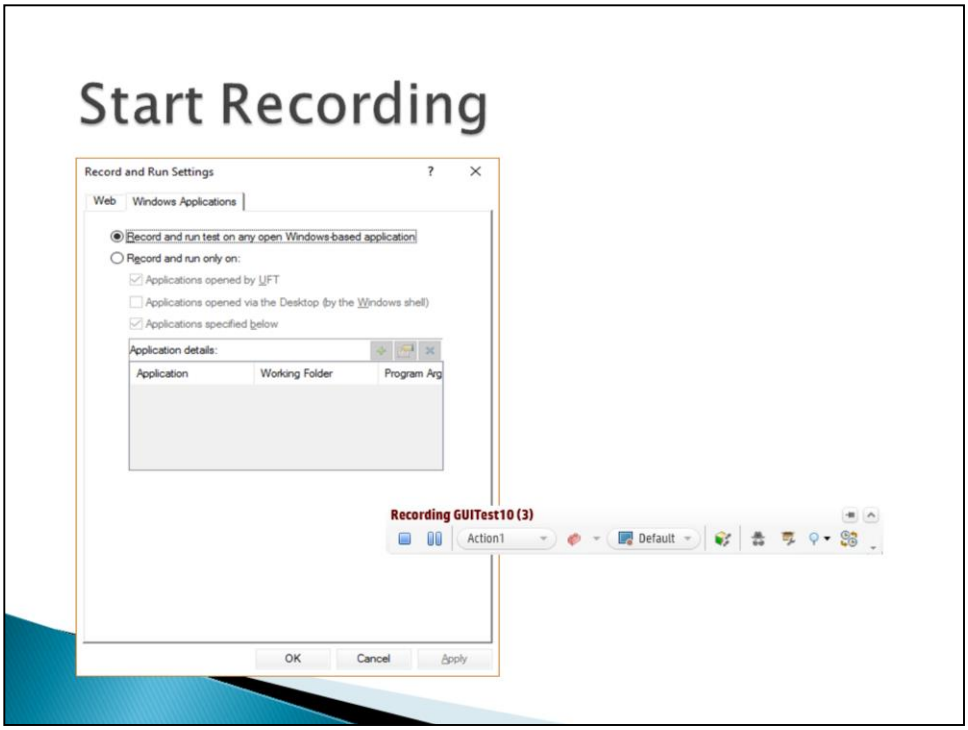
Lesson Content

1. Record a basic test
2. Run test
3. Save test
4. View test results



You automate a test in the Create phase of the UFT workflow. To automate a test, you record user actions and play the recorded actions confirm successful

playback.



When you record a test, it is recommended that you resize UFT and the AUT so that the applications are visible simultaneously.

To record a test:

1. On the UFT toolbar, click **RECORD. The RECORD AND RUN SETTINGS** dialog box appears.

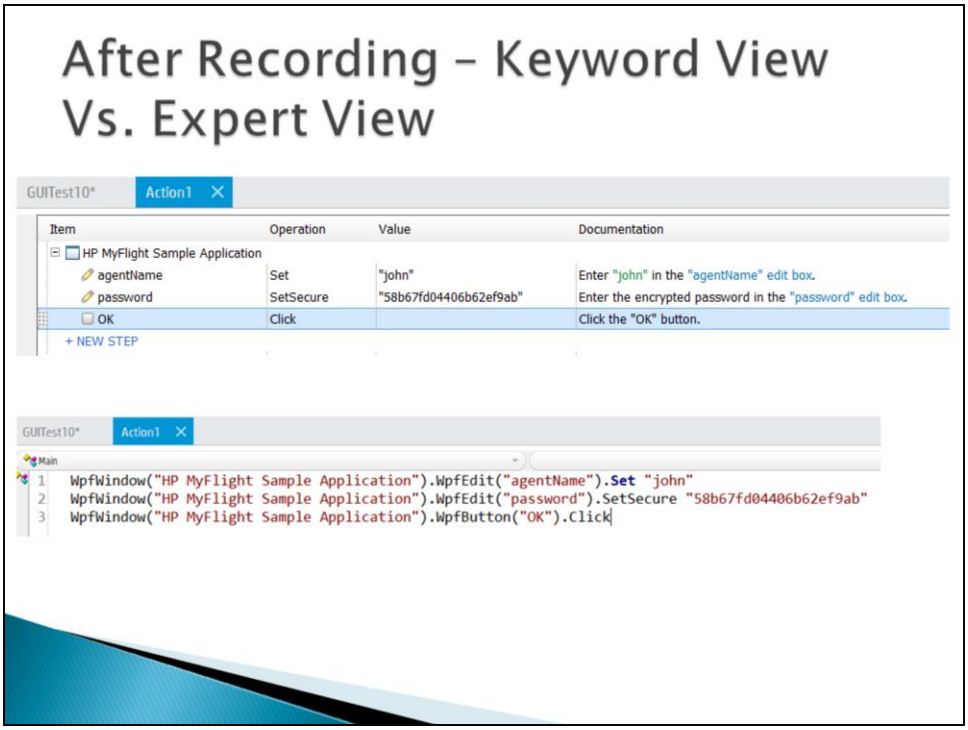
2. Select the **RECORD AND RUN TEST ON ANY OPEN WINDOWS-BASED APPLICATION** option.

3. Click **OK.**

4. Perform the required actions on the AUT.

5. Click **STOP** when the user steps are completed

During recording, a floating tool bar will appear with relevant actions



When you press on **RECORD** button **,** UFT records each user action that you perform in the AUT. Each recorded action becomes a step in the automated test.

To switch between views: View -> Keyword View\Editor

Each step of an automated test has three parts in **KEYWORD VIEW**:

• **Item:** Refers to the object in the AUT that was interacted with.

• **Operation:** Refers to the action that you perform on the object during the recording

session. This is also called the method.

• **Value:** Refers to data that you specify for the operation performed on the object.

• **Documentation:** String that describe the tested step.

The Hierarchy from parent objects to child objects is shown in sequential rows.

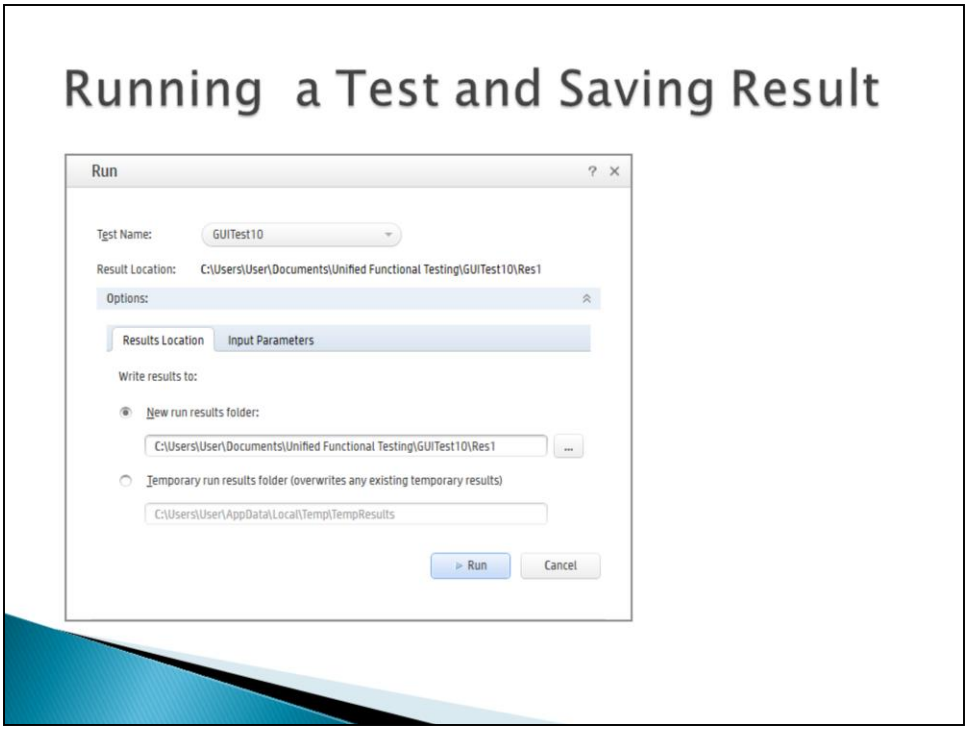
In **EDITOR**:

• Each step is a single line of VBScript code .

•The dot character separates parent and child objects.

UFT should be running before the application under test is invoked because UFT uses internal hooks to recognize user actions on the application under test. If the application is already open, UFT might not record properly if its hooks are not set up correctly.

Note: When UFT records a test, a flashing red **RECORDING** message appears in the status bar of UFT. At the end of the recording , when click on **STOP** button **READY** message appears in the status bar.

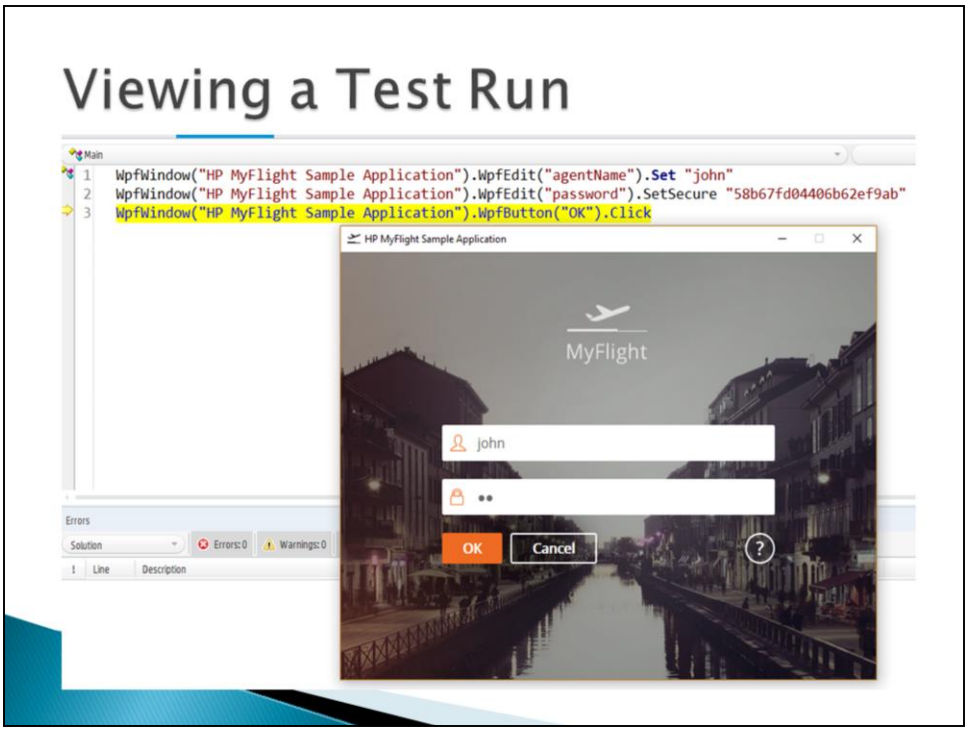


After pressing on RUN button , Run dialog box appears.

The Results Location tab enables you to specify the location in which you want to save the run session results.
You can select one of the following options:

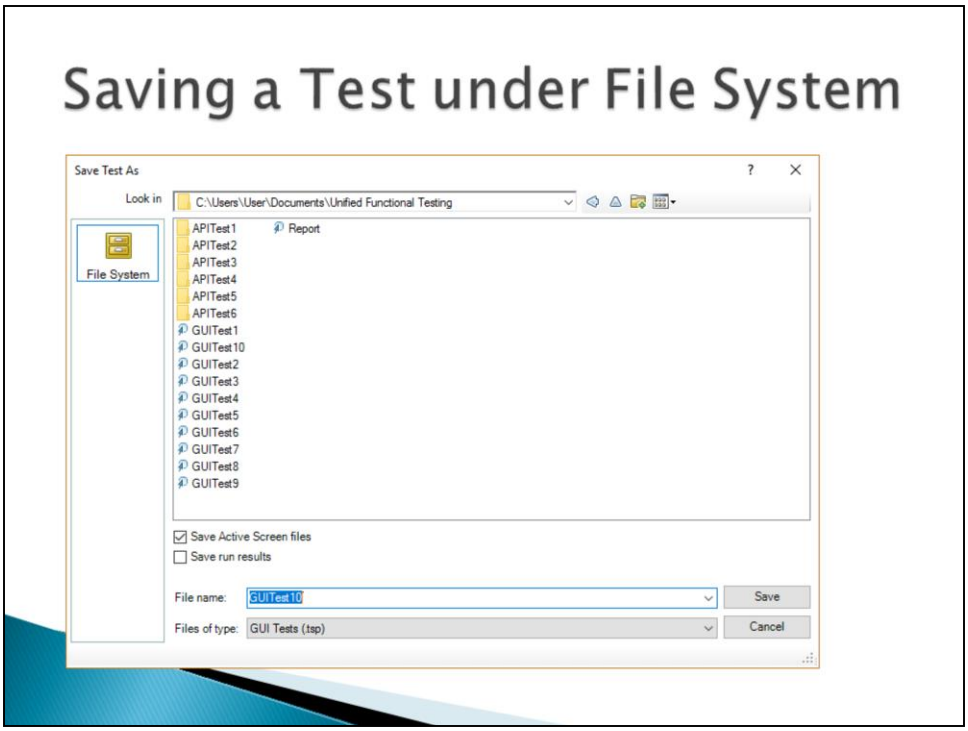
•**New run results folder -** This option displays the default path and folder name in which the results are saved. By default, the results for a UFT test are stored in the test folder.

•**Temporary run results folder -** Saves the run results in a temporary folder. This option overwrites any results previously saved in this folder.



When you run a test, UFT performs each step as it was recorded in the AUT. The AUT should be running when the test is running.

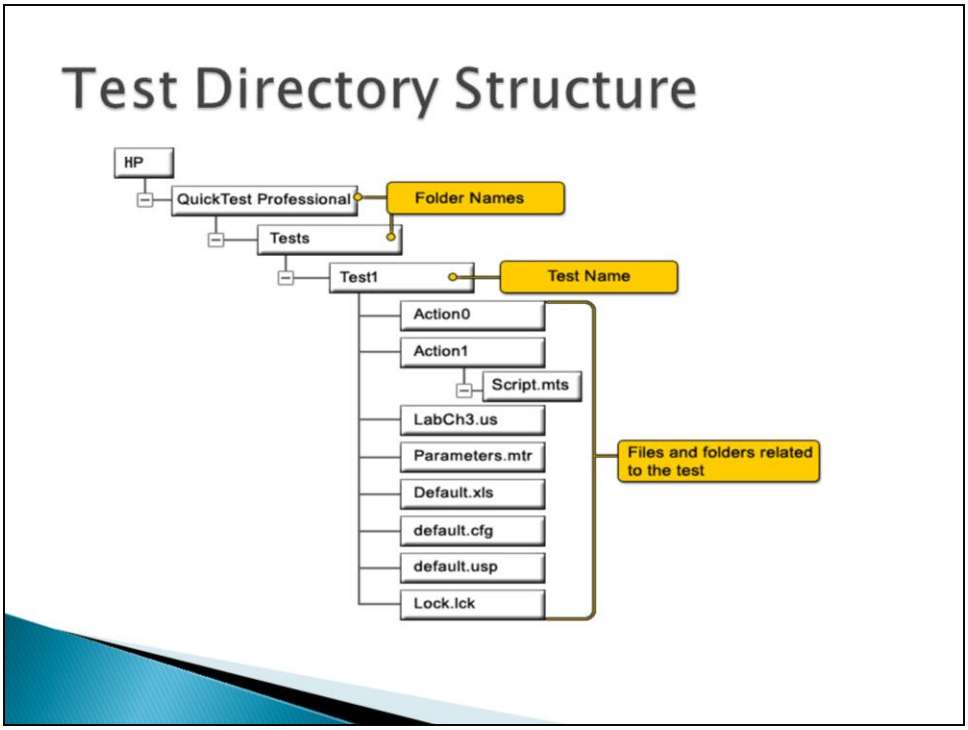
You can watch the application under test as UFT performs each step. A **yellow arrow** in the left margin of the indicates the step currently running.



After you record a test, you should save your tests at an appropriate location.

If you use UFT alone, UFT prompts you to save your tests in the file system.

If UFT is connected to ALM you can save your test to the ALM test plan tree as well.



When saving a test, you assign it a name. A test name directory is automatically created and all the files related to the test are saved in the test name directory.

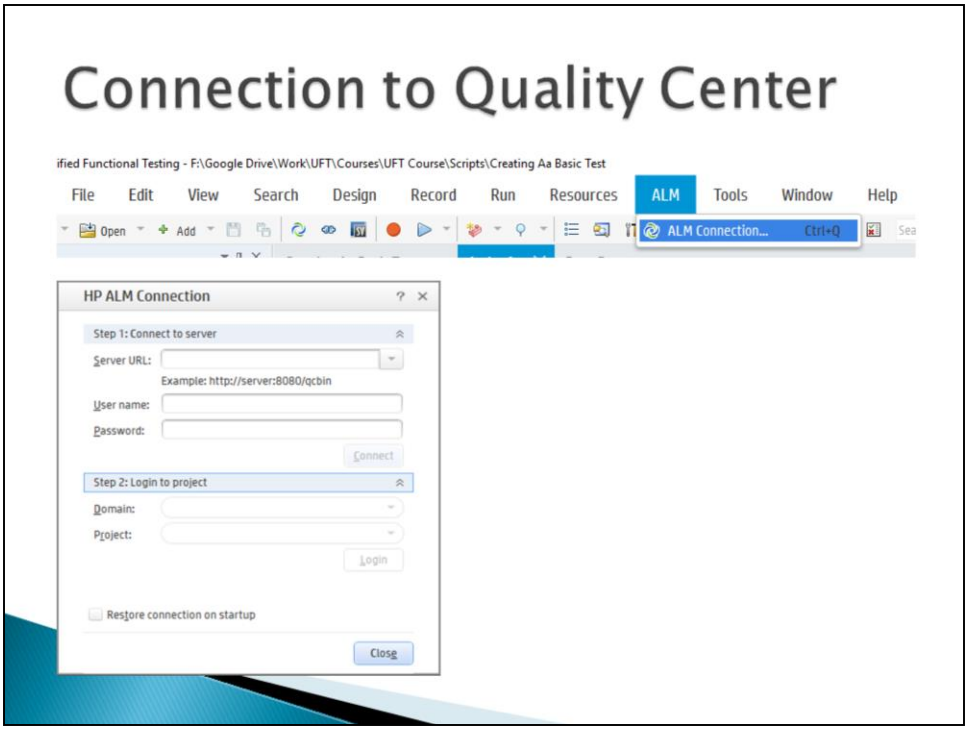
By default, UFT creates certain files and directories in each test directory, including:

• **ACTION0:** This directory contains files that control all actions, except ACTION0, in the test directory.

• **ACTION1:** This directory contains a log of user actions on objects as these were captured during recording.

• **SCRIPT.MTS:** This file captures the user actions on objects. This file resides in the ACTION1 directory.

• **DEFAULT.XLS:** This file contains the data that you specify in DATA TABLE to parameterize your test.



In order to save test under **ALM**, first you need connecting to **ALM**: ALM -> ALM Connection

After connecting to an **ALM** project, **ALM** icon is displayed on the status bar

What's Next?

- Review Questions
- Next Lesson
  - The next lesson in the course is:
    Object Repository


End of Lesson