

UFT Recoding Modes

In this article we will be discussing about Recoding Modes in UFT.

Let's understand what is UFT:-

Unified Functional Testing commonly known as UFT is a functional testing tool by Hewlett Packard Enterprise (HPE). UFT can be used to test GUI (Graphical User Interface) as well as API (Application program interface) part of your application. The latest version of UFT is 14.03.

For free trial you can download the UFT using given below link.

<https://software.microfocus.com/en-us/products/unified-functional-automated-testing/free-trial>

Using UFT we perform the Functional and Regression Testing, it supports Desktop and Web Applications, it is an object based Test tool. It has an integrated MS Access Database engine to support Database operations. UFT has also inbuilt vbscript engine to apply programming logic to Test the applications.

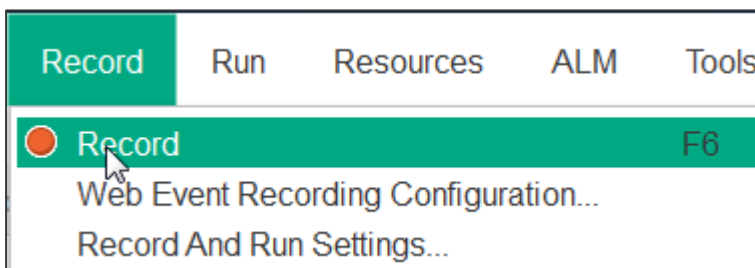
Now let's discuss about its recording modes.

UFT supports 4 types of recording modes

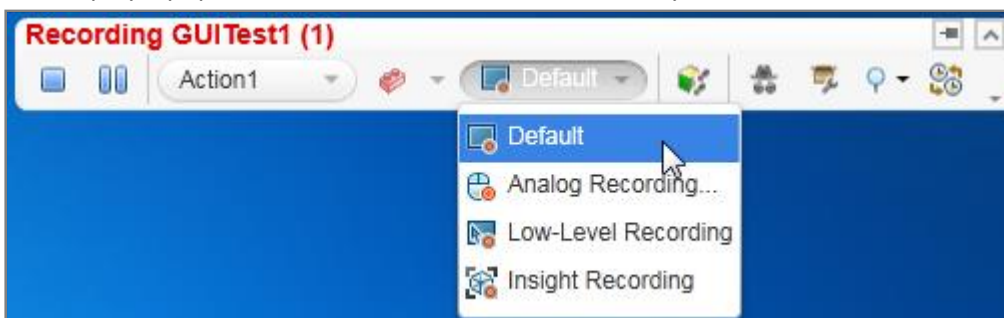
1. Default /Normal Recording
2. Analog Recording
3. Low Level Recording
4. Insight Recording

How to start recoding in UFT

Go to "Record" Tab select the record option or press **F6** from key board.



UFT display a pop window from there user can select any mode.



1) Default/ Normal Recording: This is the default recording mode in UFT/QTP. It records user mouse and keyboard operations based on objects .It recognizes objects in application not based on their location on the screen. It is the default recording mode of UFT/QTP

Navigation: Go to **Record** menu >> Record or Record Button or press short key **F6**

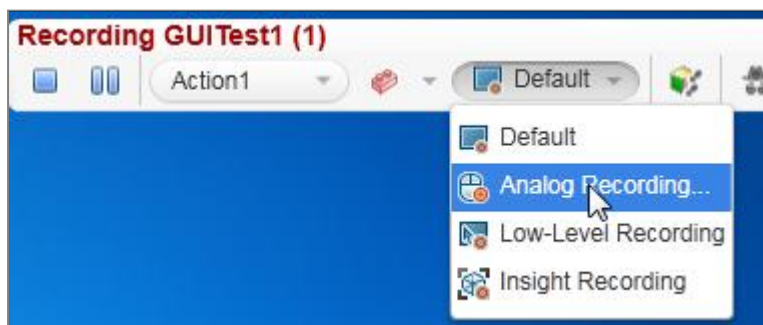
Script of Default recording

```
Window("HPE MyFlight Sample Applicatio").Type "John"  
Window("HPE MyFlight Sample Applicatio").Type "hp"  
Window("HPE MyFlight Sample Applicatio").Click 174,348
```

2) Analog Recording: This records not only the keyboard actions but also the mouse movements relative to the screen or the application window. Analog Recording Mode should be used only when mouse movement is essential like signatures and drawings any things.

It occupies more memory than Normal recording then UFT execution performance will be reduced.

Navigation: Go to **Record** menu >> Record >> Analog Recording or press short key Ctrl+F3



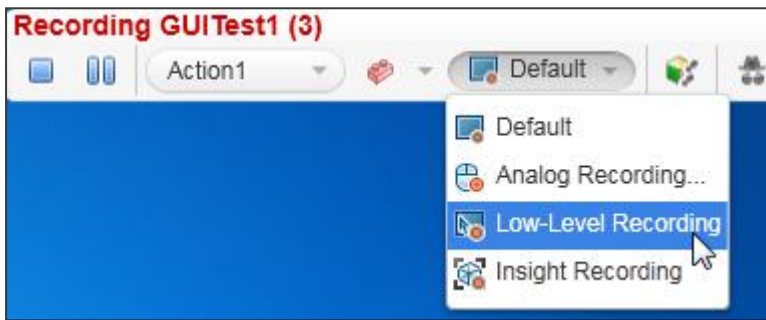
Script of Analog recording

```
Window("HPE MyFlight Sample Applicatio_4").RunAnalog "Track1"
```

3) Low-Level Recording: This records the exact co-ordinates of the objects independent of the fact whether UFT recognizes the object or NOT. It just records the co-ordinates, hence does NOT record mouse movements. Low Level Recording Mode should be used only when exact coordinate of operation is essential.

It considers all objects in two categories only (Window, WinObject), So Test is not readable format. It occupies more memory than Normal recording.

Navigation: Go to **Record** menu >> Record >> Low-Level Recording or press short key Shift+F3



Script of Low Level recording




```
Window("HPE MyFlight Sample Applicatio_7").Click 209,224
Window("HPE MyFlight Sample Applicatio_7").Type "john"
Window("HPE MyFlight Sample Applicatio_7").Click 175,284
Window("HPE MyFlight Sample Applicatio_7").Type "hp"
Window("HPE MyFlight Sample Applicatio_7").Click 160,345
```

4) Insight Recording: UFT records operation based on its appearance and NOT based on its native properties. It captures object images also, so the test is not readable format.

Navigation: Go to **Record** menu >> Record >> Insight Recording



Script of Insight recording

```
Window("HPE MyFlight Sample Applicatio_9").InsightObject().Click
Window("HPE MyFlight Sample Applicatio_9").InsightObject().Click
Window("HPE MyFlight Sample Applicatio_9").InsightObject().Click
```

- Note:**
- 1) Without selecting Normal recording mode Tester/User can't select other recording modes.
 - 2) QTP 10.0 not support Insight recording mode. Onwards QTP 11.5 its new recording mode added.