Getting Started with UFT

1.0 Let's Play with UFT

Downloading UFT from HP website

To start with UFT, first we need to download the latest version of it from the HP website. Follow the

Below steps to download the latest copy

Go to http://support.openview.hp.com/

Click on the Products link on the Left

Locate "Unified Functional Testing software" on the page and click on the link

Click on Trails and Demos and choose "HP Unified Functional Testing XY.xy English SW E-Media Evaluation"

Create a new HP passport in case you don't have one, else login using your existing passport id

Download the files with Standard Download. The demo file will be in ISO format*.

ConfuSense– ISO format, often called an ISO image is an "image" of an entire CD or DVD. So instead company provide you CD/DVD of software they provide ISO files over internet. So it saves you to keep watching the roads for software delivery.

1.1 Installing UFT

To install UFT from the ISO file there are 2 methods that can be used

Burn the ISO file on the a DVD using a DVD Burner tool

Mount the ISO file using any Virtual drive tool. You can use freeware tools like Virtual CloneDrive or Daemon tools to mount the ISO file.

The book doesn't endorse or recommend any of above tools specified and should be used at your own discretion.

Once the DVD is inserted (or mounted), double click on the drive. This should launch the setup, in case AutoRun on the system is disabled then you can run the setup.exe file from the root folder. The installation menu will appear as shown in Figure 1-5. Click on the "Unified Function Testing Setup" option. The installation home screen will be displayed as shown in Figure 1-6.

After accepting the license agreement, next comes the Add-in select screen. By default only ActiveX, Web and VB add-ins get installed. To add other any add-in selects the same and choose "Entire feature will be installed on local hard drive" as shown in Figure 1-7.

After choosing the add-in select the folder where UFT needs to be installed. The default location usually is "C:\Program Files\HP\QuickTest Professional". If you are planning to install the JAVA addin then I would recommend changing the path to something like C:\QTP. This would help avoid some of the issues that you get when JAVA add-in installed. If JAVA add-in is not required then I would recommend to use the default path itself. Click Next and start the installation. Let the installation finish and there will be a additional installation require screen that comes up, the different installation required in this will depends on the add-ins which were selected during the installation.

After the installation process we get an installation complete screen as shown in Figure 1-8. After we hit the finish button we get another configuration wizard and the configuration items will depend on the add-ins chosen for installation. This wizard screen is shown in Figure 1-9.

To install QTP with a demo version license make sure to uncheck the "Run the Licenses Installation Wizard".

NOTE: If the wizard is run and a concurrent license is selected then QTP does not install the demo license. This would be needed to accomplish manually at a later time.

Step 1: Unzip uft

Step 2:

Go to

C:\Test\uft\Software_HP_UFT_11.50_English_T6510-15080

Step 3: click setup

HP Unified Functional Testing 11.50

Unified Functional Testing Setup

Installation Guide (Requires Adobe® Reader®)

Readme

Unified Functional Testing Add-in for ALM Setup

Add-in Extensibility and Web 2.0 Toolkits

License Server Setup
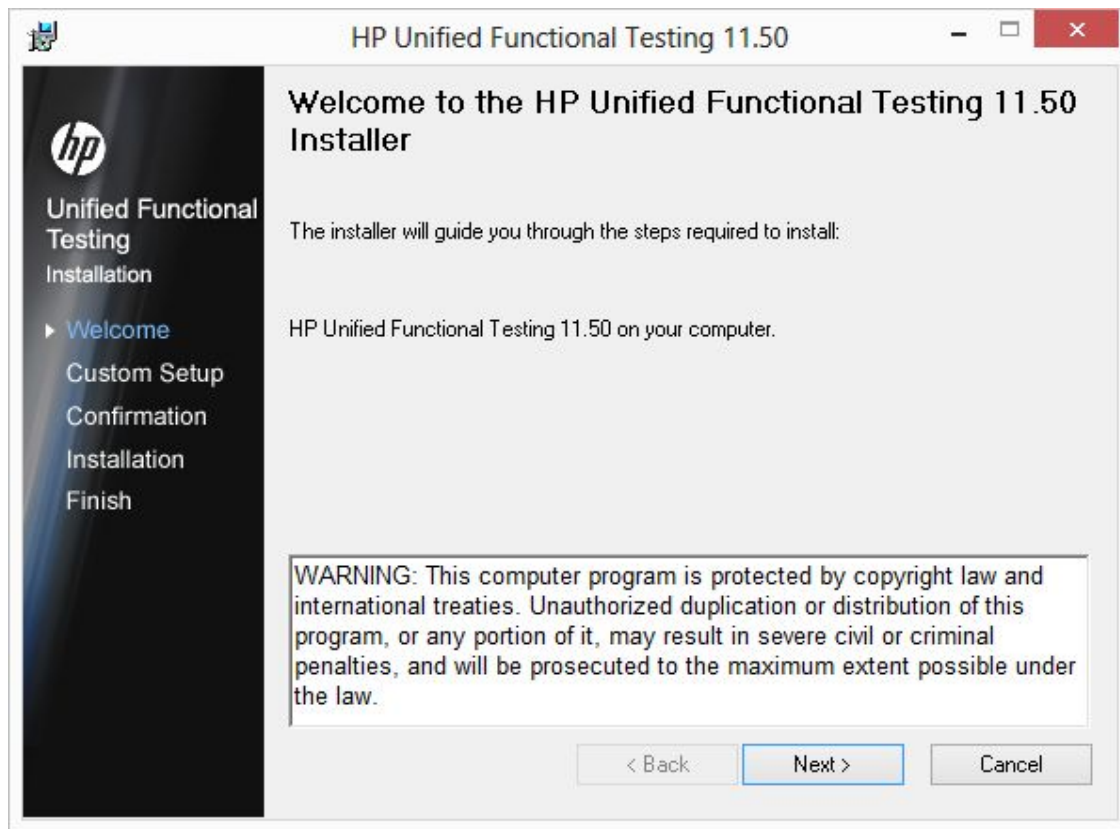
Run Results Viewer Setup

Download Adobe® Reader®

Contact HP

Support

Browse

Exit

Step 4: Click on Unified Functional Testing Setup

HP Unified Functional Testing 11.50

The following prerequisite programs must be installed before you can install:
HP Unified Functional Testing 11.50:

```
Microsoft Office Access database engine 2007
Visual Studio Tools for the Office system 3.0 Runtime
Microsoft WSE 2.0 SP3 Runtime
Microsoft WSE 3.0 Runtime
Microsoft Visual C++ 2005 Service Pack 1 Redistributable Package
Microsoft Visual C++ 2008 SP1 Run-time Components for 64 bit Operating System
```

Description:

Microsoft Office Access database engine 2007

Click OK to begin installing these programs now.
Note: Some of the above installations may require you to restart your computer. If you restart your computer, run the HP Unified Functional Testing 11.50 Setup program again to continue.

OK   Cancel

Step 5: Click ok

Step 6: Click on Next

Step 7: Select "I agree" and click Next
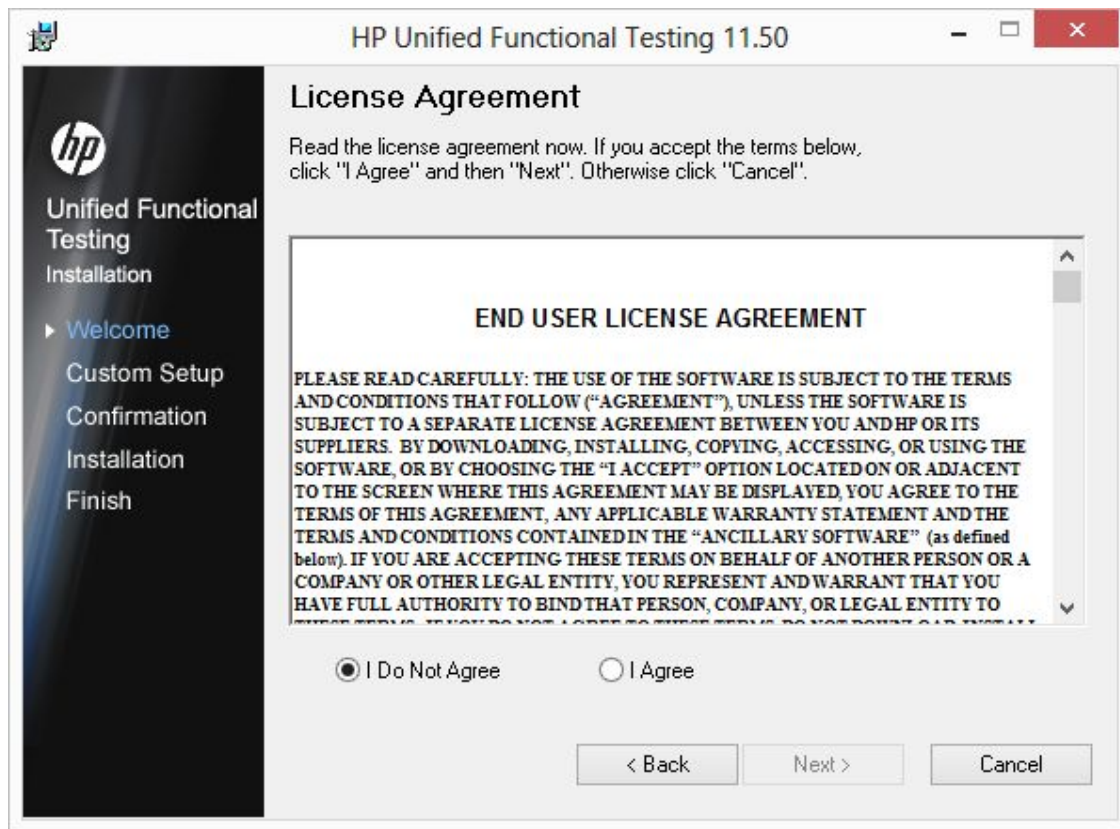
Step 8: Provide your and company name and Click Next
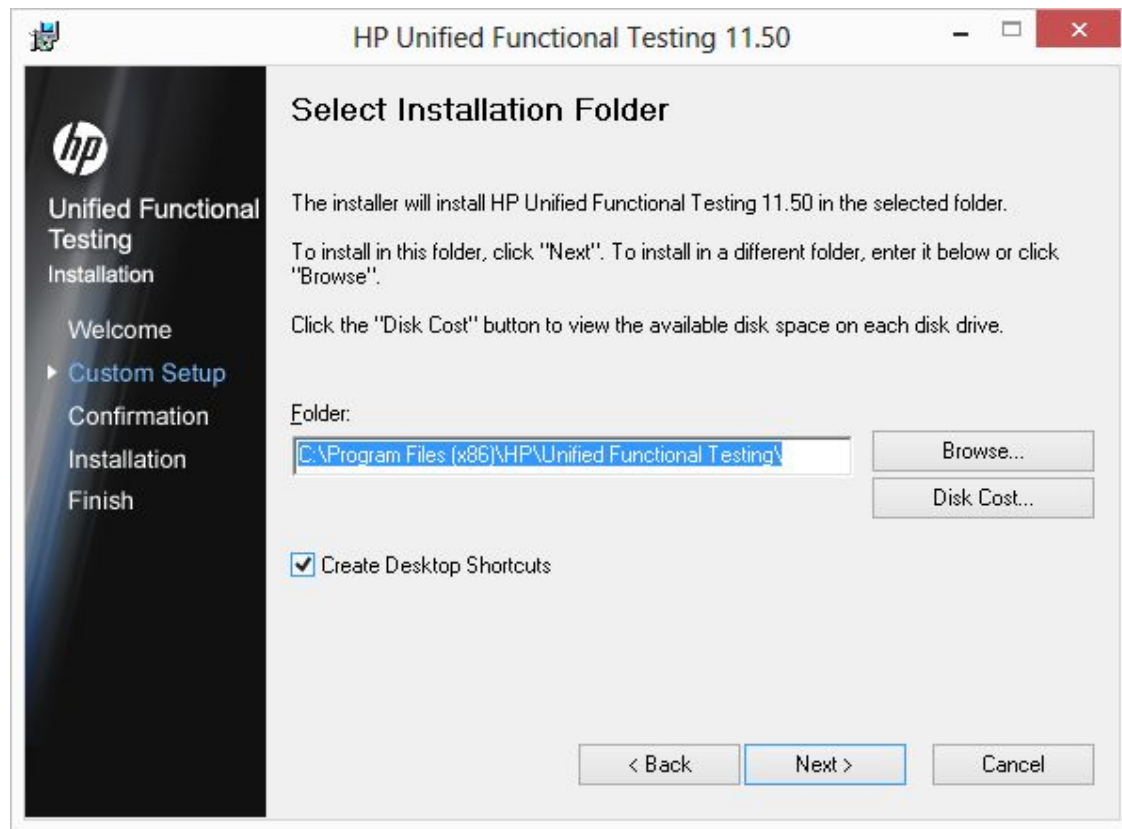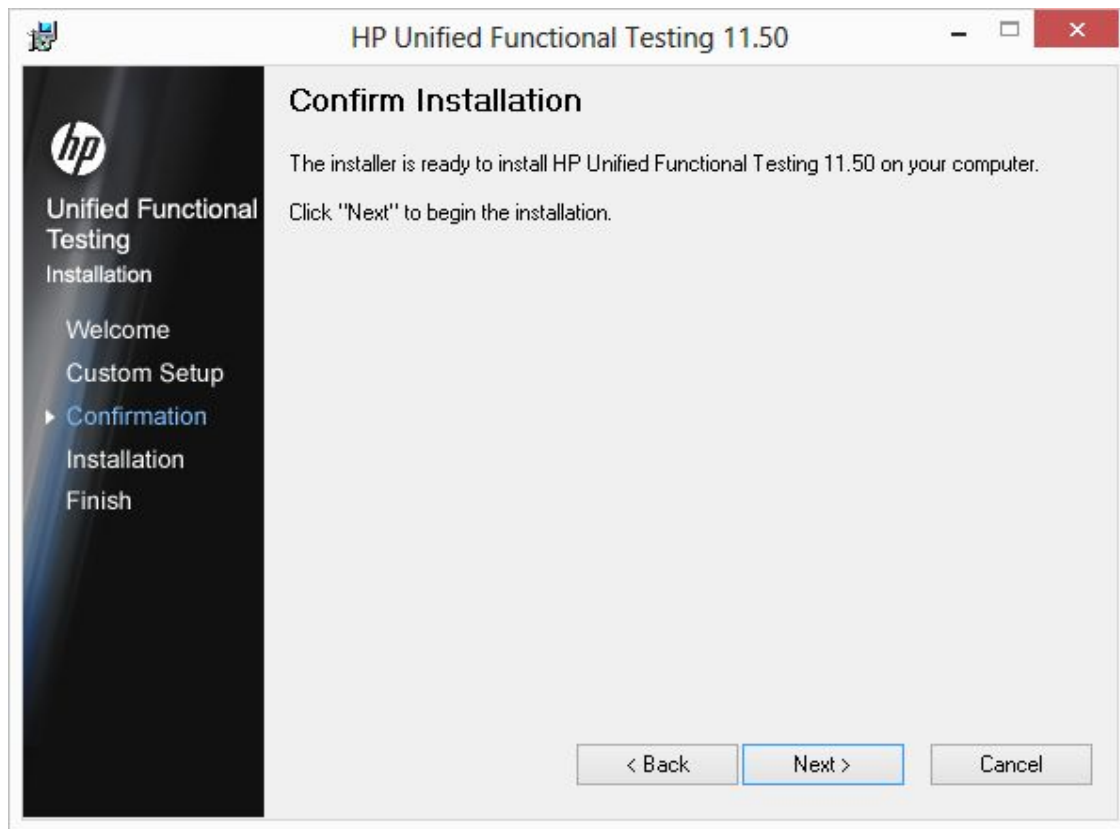
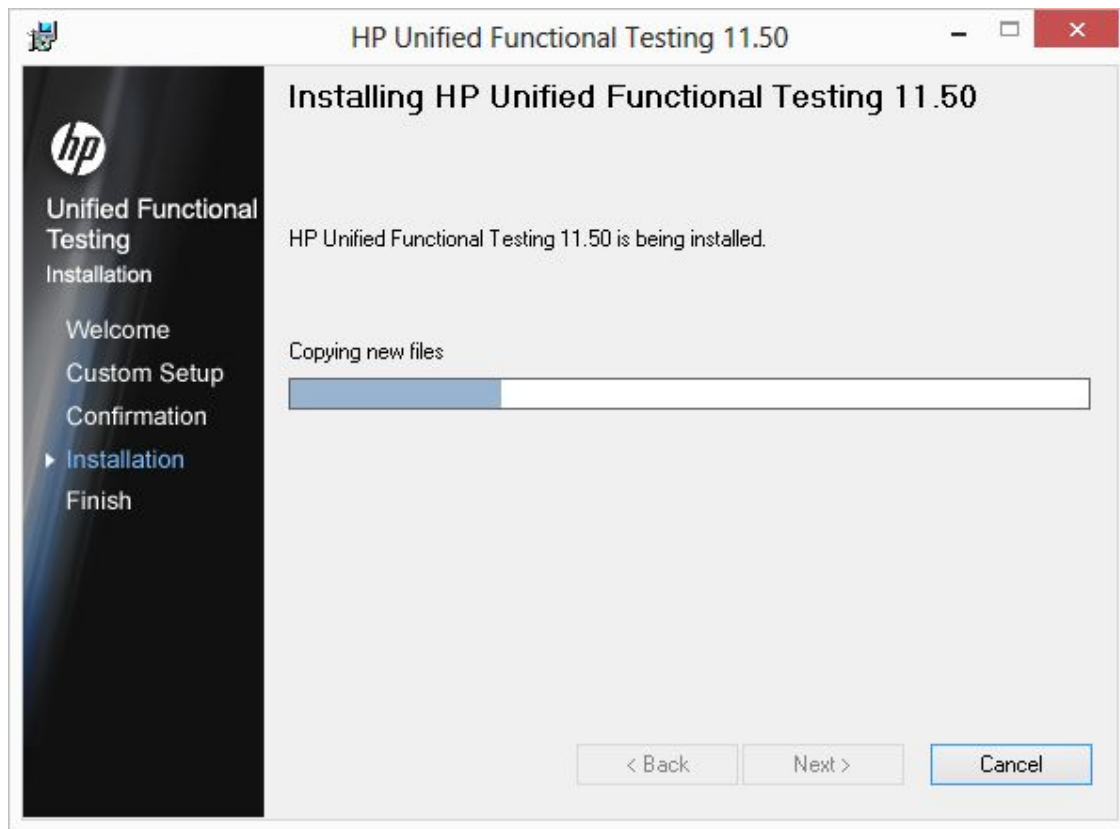Step 9: Select the required Add-In and Click on Next
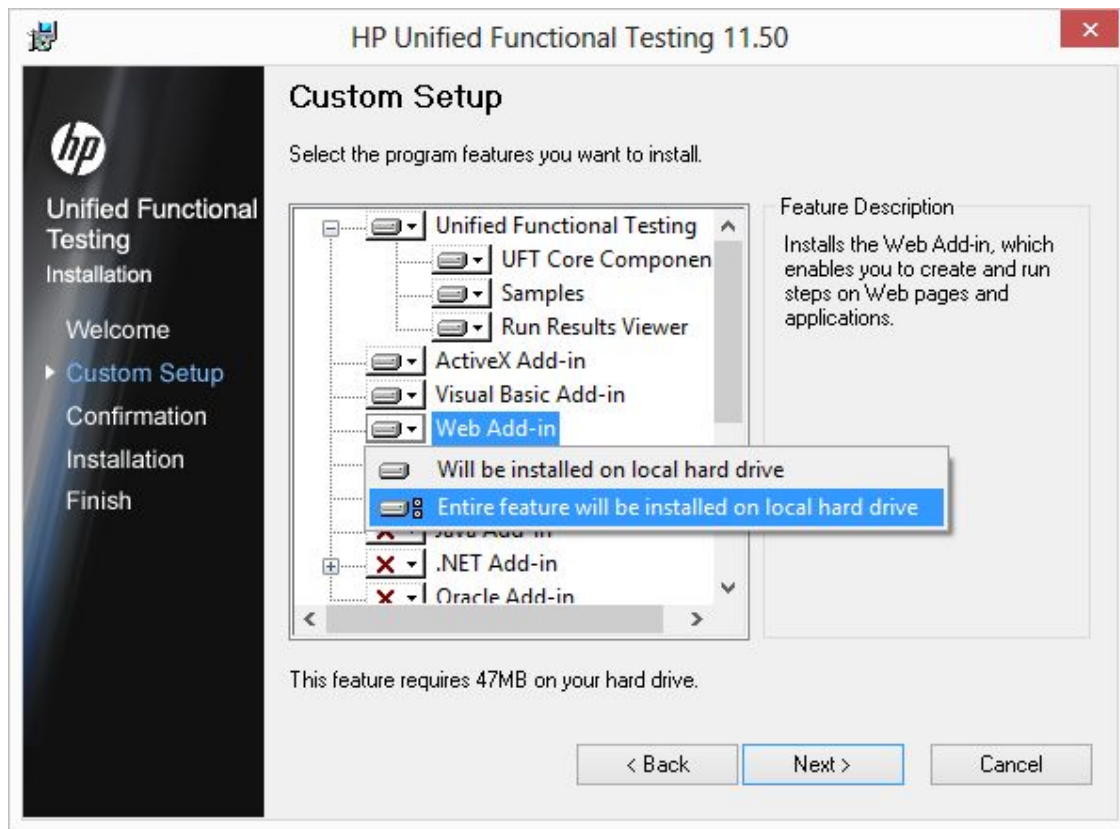
Step 10: Select Installation Folder and Click on Next. By default it is "C:\Program Files (x86)\HP\Unified Functional Testing\". It is also called as HP UFT Root folder.
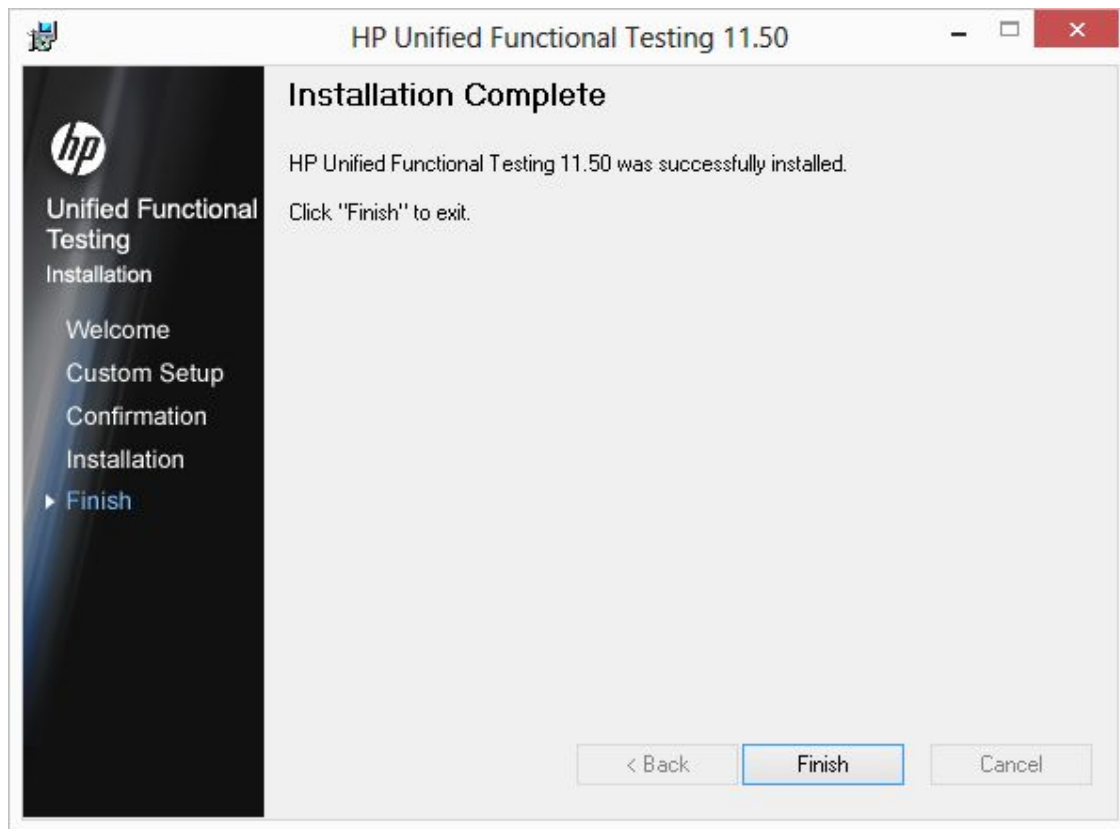
Step 11: Click Next

Installation will start

Step 12: Click Finish

Step 13: Click Run
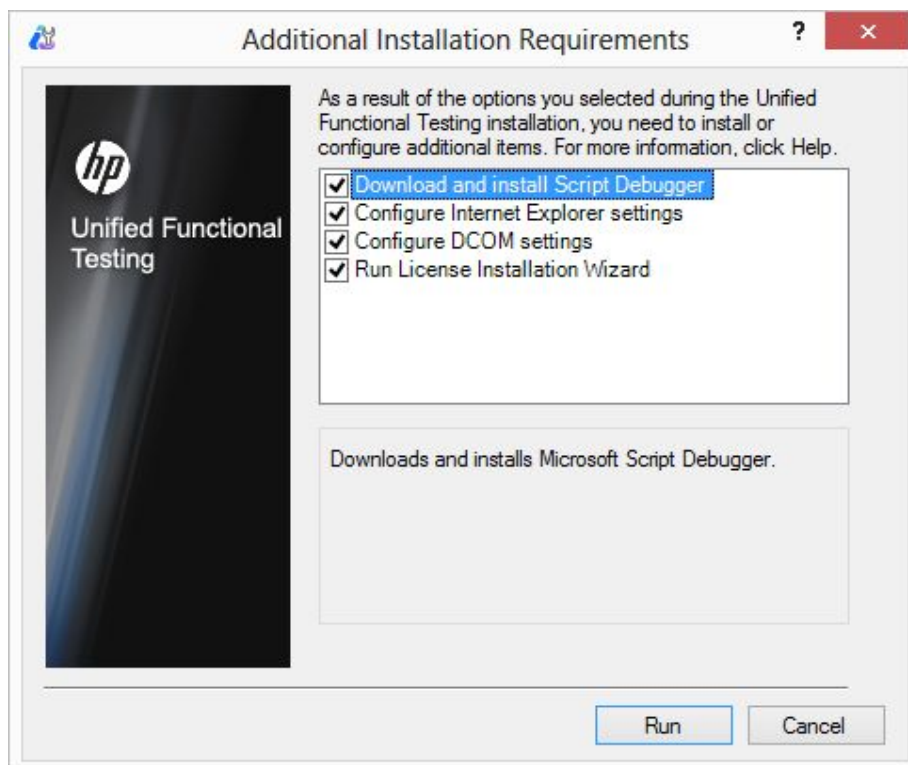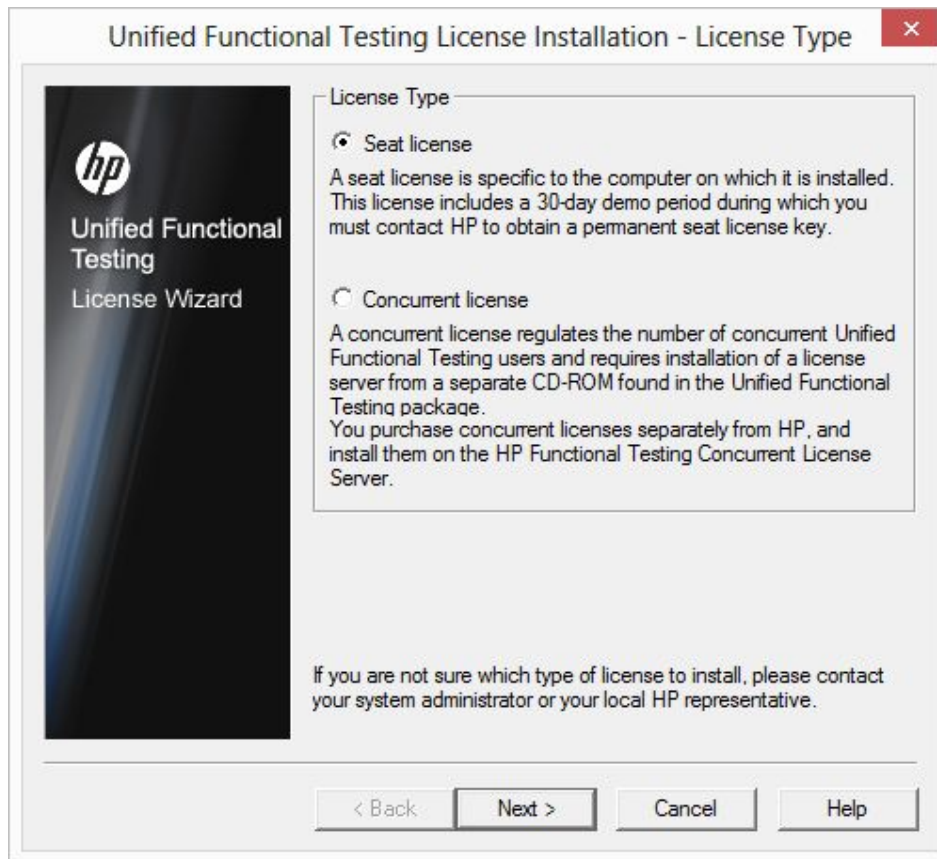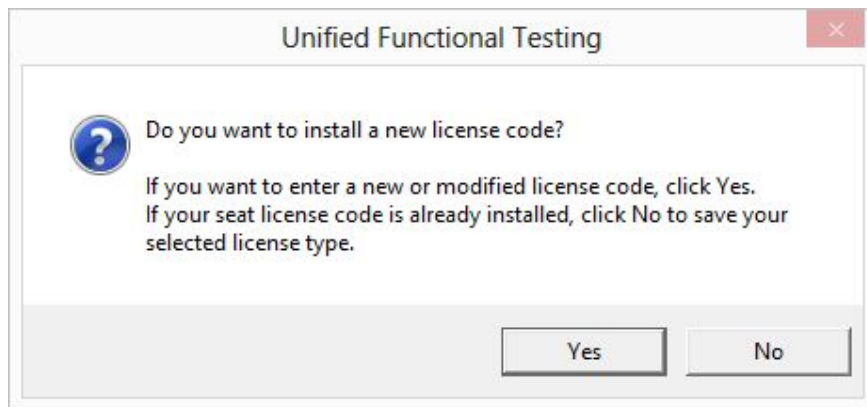
Step 14: Click on Next to Install Seat Licence

If choose "Seat Licence", Follow step 15A

If choose "Concurrent Licence", Follow step 16

Step 15A: If you have seat licence then click on "Yes" or if you wish to evaluate HP UFT for 30-days trial period click on "No".
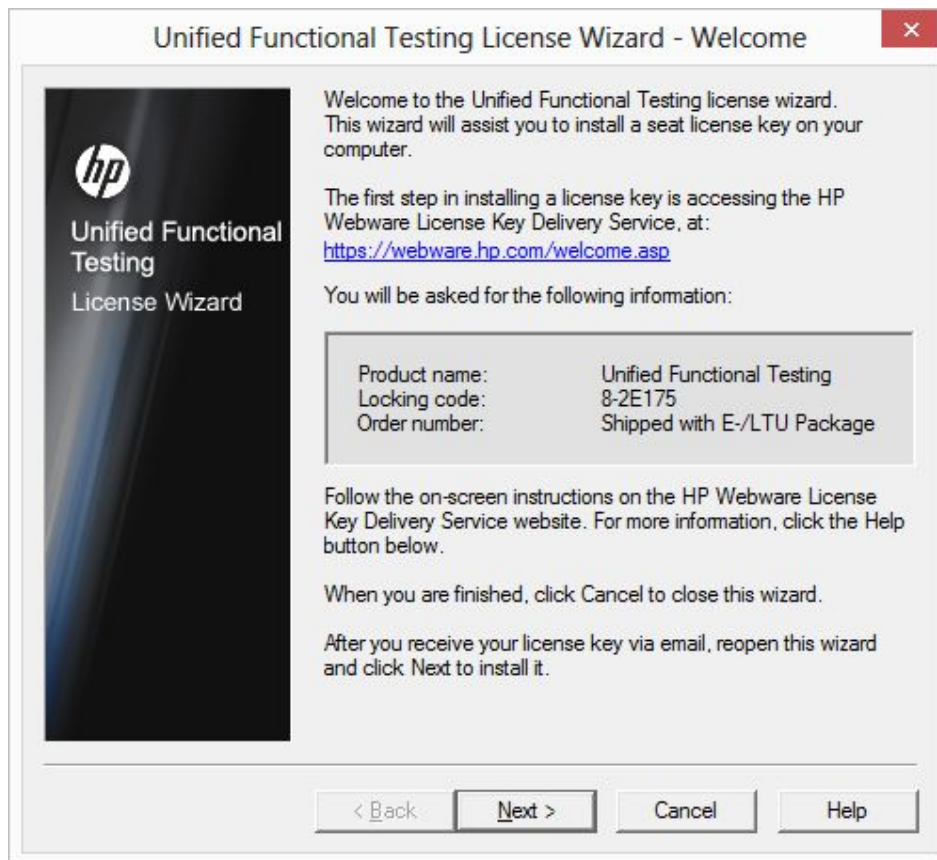
If choose "Yes", Follow step 15B
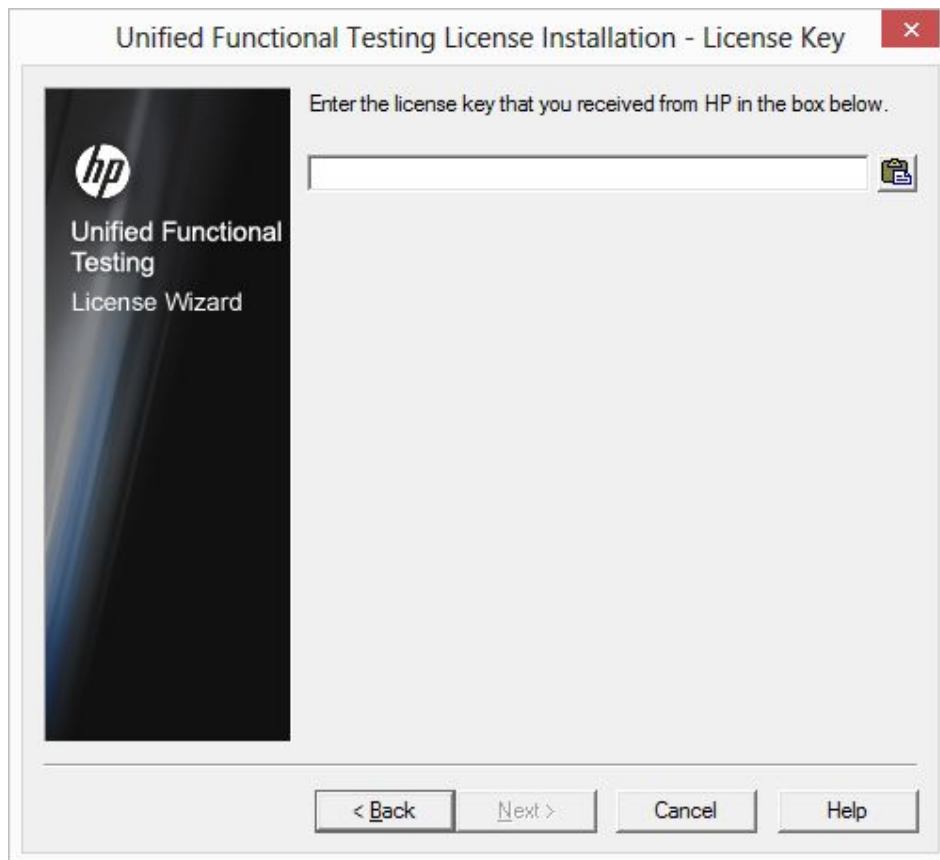
If choose "No", Follow step 15A

Step 13A: Click on Finish

Step 15B: Click on Next

Unified Functional Testing License Wizard - Welcome

Welcome to the Unified Functional Testing license wizard. This wizard will assist you to install a seat license key on your computer.

The first step in installing a license key is accessing the HP Webware License Key Delivery Service, at:

https://webware.hp.com/welcome.asp

You will be asked for the following information:

Product name:	Unified Functional Testing
Locking code:	8-2E175
Order number:	Shipped with E-/LTU Package

Follow the on-screen instructions on the HP Webware License Key Delivery Service website. For more information, click the Help button below.

When you are finished, click Cancel to close this wizard.

After you receive your license key via email, reopen this wizard and click Next to install it.
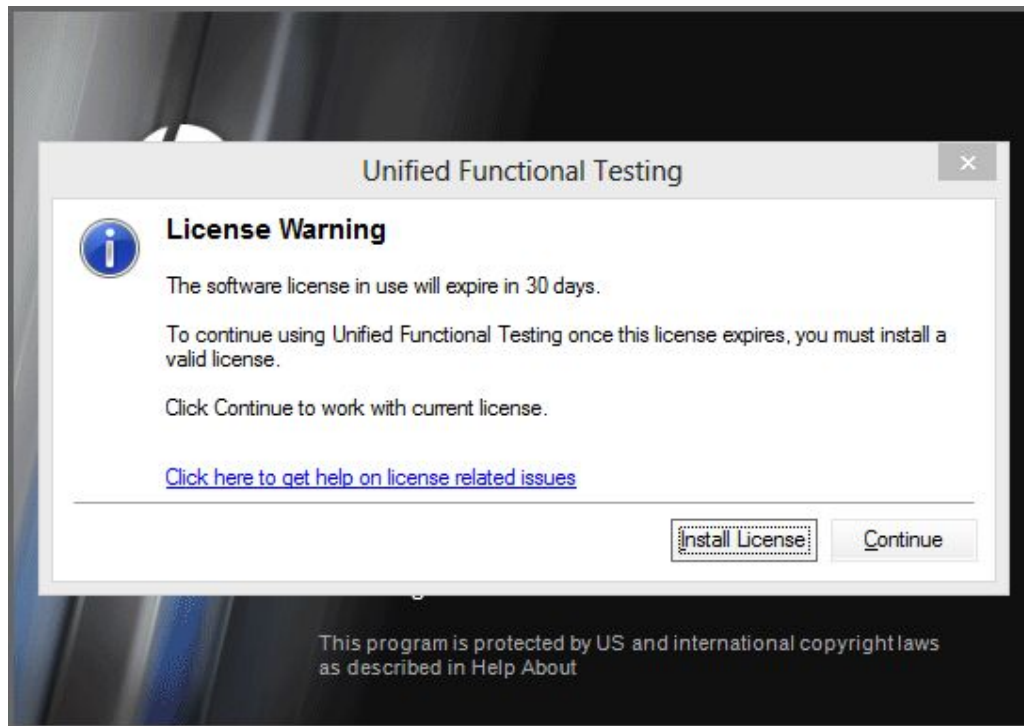
< Back   Next >   Cancel   Help

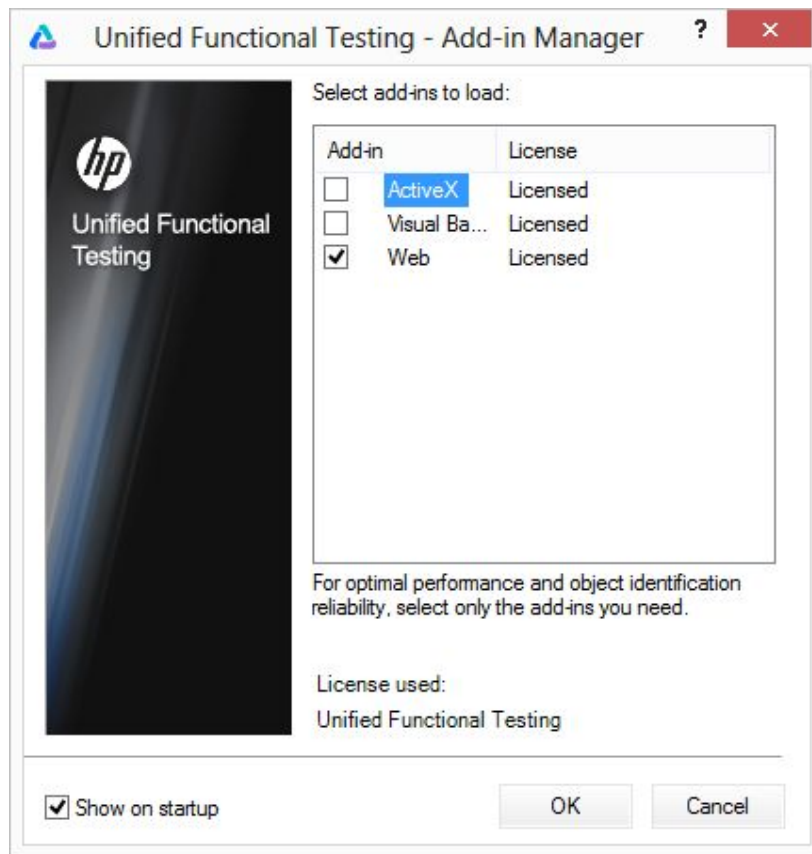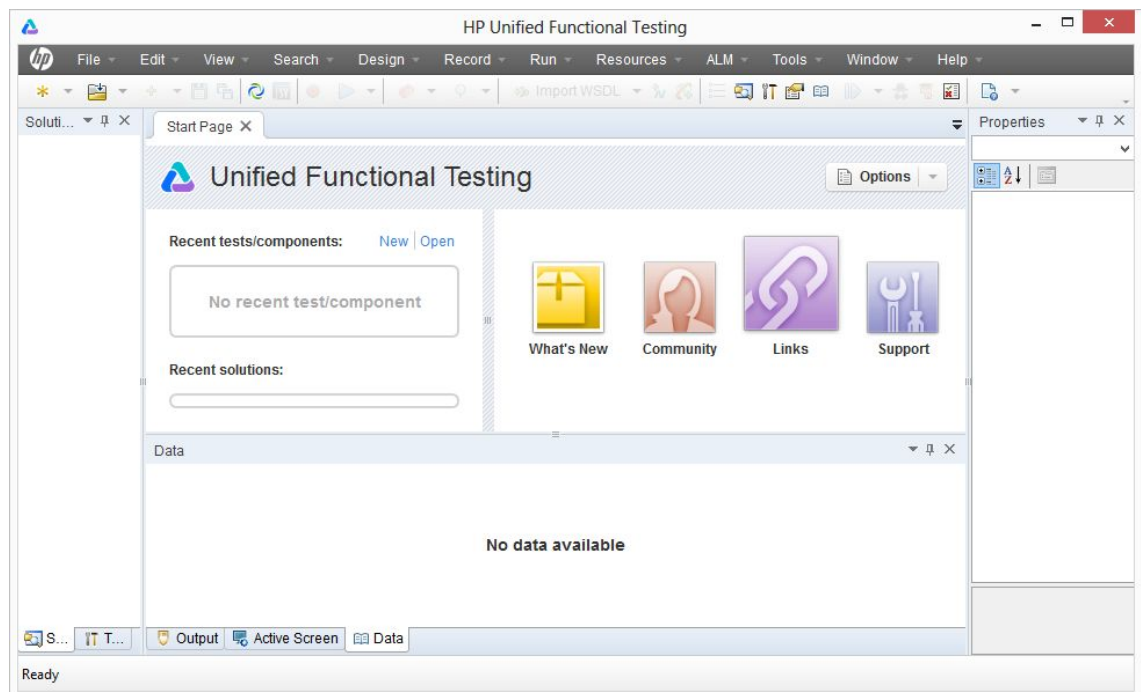Step 15C: Provide Seat Licence Key

Step 15D: Click on Finish

Step 16: Start UFT, Click on Continue button if you want 30-day trial.

Step 17: Select the required add-in and click on "OK". HP UFT provide these three free Add-ins during evaluation period.
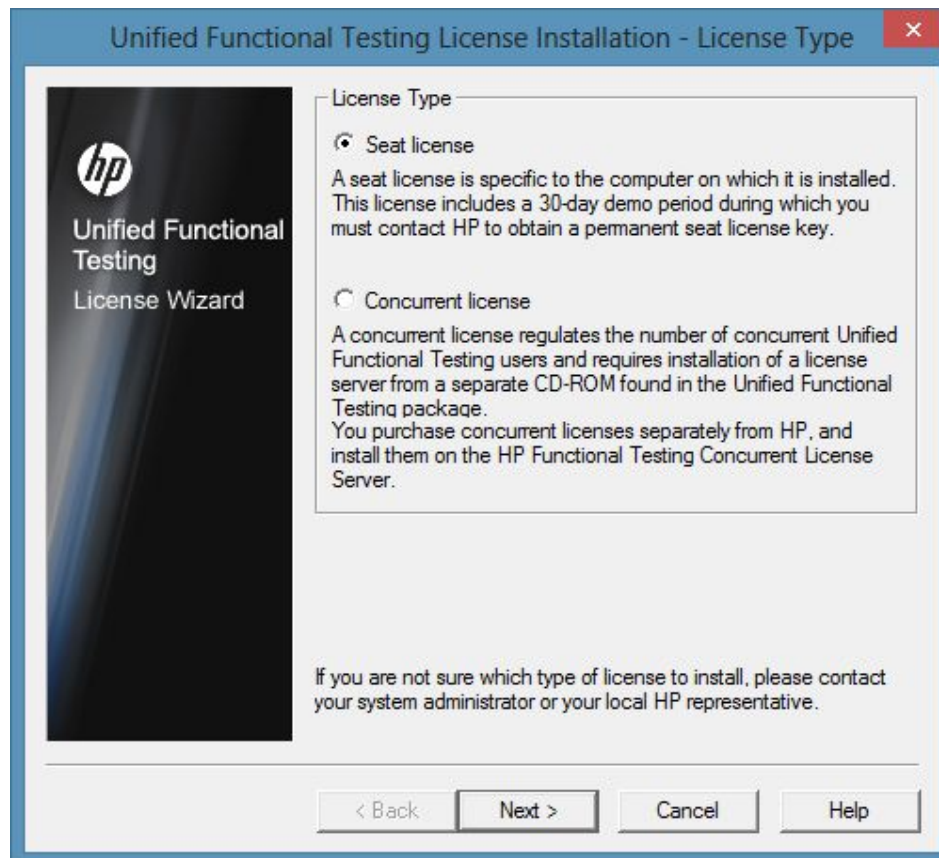
UFT is ready for automation.

1.2 UFT Licensing Model

New UFT installation provide 30 days evaluation period and after that you must buy the licence. HP UFT licensing model allows 2 different types of licenses

- Seat License
- Concurrent License (also known as Floating Licence)

👆*Navigate to UFT | Help | Licence Wizard*

Seat License

Seat license is a node locked or machine-based license. This license can be used only for a specific machine it was generated for, as the locking code QTP generates is specific to the machine it is installed on. So, effectively one machine has its own fixed one licence.

To apply for a seat license, select the "Seat License" radio button as shown in Figure 1-10 and click

Next. After clicking next the license wizard will show the locking code of the machine as shown in Figure 1-11. Note down the locking code and put a license request on https://webware.hp.com/welcome.asp. Once you receive the license launch the wizard again and click Next button on the

Locking code screen and paste the license key received by HP. This will install the seat license.

Concurrent (or Floating) licenses

Floating licenses can be used on any machine which has network access to the floating license server. The machines pool that want to run UFT must install the UFT and at any point in time the machines using the UFT licenses cannot exceed the maximum license count on the server. The license server is a utility that needs to be installed separately and comes with the UFT installation. The license server can be installed on Windows 2000/2003/XP/Vista/Win7/Win8. Floating licenses are per session license i.e. they are only used when UFT is open on a machine.

Let's understand by example:

Suppose you have 10 machines and you want to run maximum 5 UFT but from any of these 10 machines. Then you should install UFT on all 10 machines but at the given time any maximum 5 machines can run UFT.
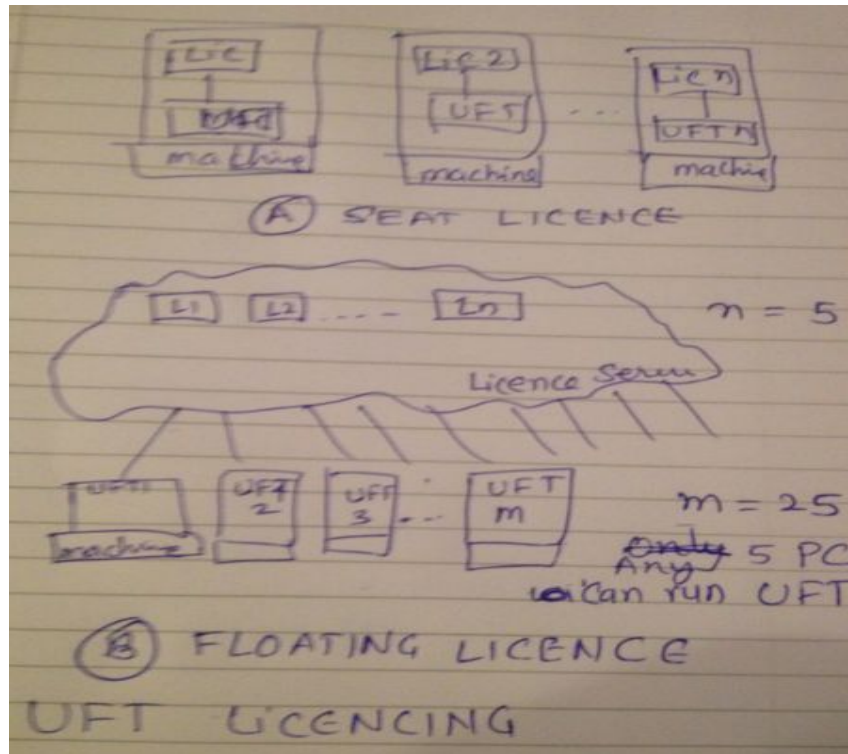
To apply for a floating license choose the "Concurrent License" radio button on wizard screen Figure 1-10. Click on the next button and enter the Server IP or name in the server. Click on the Check Connection button and if successful the wizard will show the licenses available on the server as

Figure 1-11. Click on the Next button and save the floating license
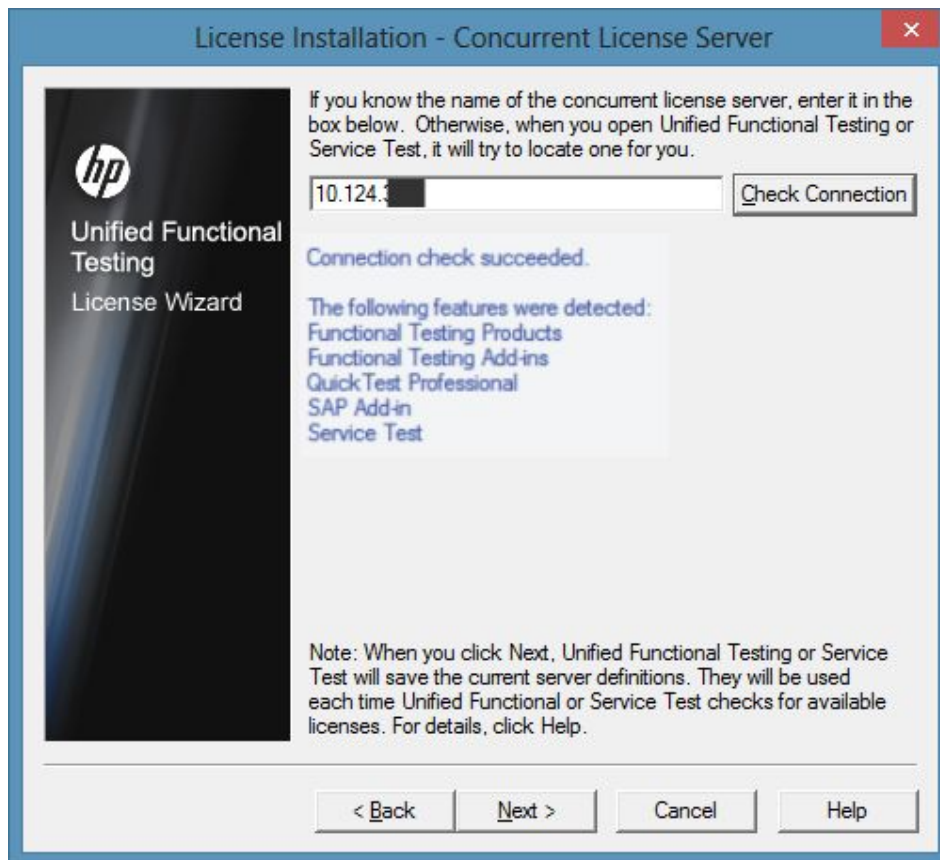
NOTE: UFT uses UDP port 5093 for communicating with the license server. This port needs to be unblocked in case of any firewalls.

NOTE: We can also create system environment variable^ with name LSHOST or LSFORCEHOST to specify the UFT License server IP or Address.

👆*Navigate to Windows System properties | Advanced| Environment Variables \New in User variable | Variable name* LSFORCEHOST and value- IP address of Licence server

Unified Functional Testing License Wizard - Welcome

Unified Functional Testing
License Wizard

Welcome to the Unified Functional Testing license wizard. This wizard will assist you to install a seat license key on your computer.

The first step in installing a license key is accessing the HP Webware License Key Delivery Service, at:
https://webware.hp.com/welcome.asp

You will be asked for the following information:

Product name:	Unified Functional Testing
Locking code:	8-1D073
Order number:	Shipped with E-/LTU Package

Follow the on-screen instructions on the HP Webware License Key Delivery Service website. For more information, click the Help button below.

When you are finished, click Cancel to close this wizard.

After you receive your license key via email, reopen this wizard and click Next to install it.

< Back   Next >   Cancel   Help