

www.techno-geek.co.uk

Techno-logy @ Your Finger Tips

Learning Is Fun

Selenium: Installation Guide (Getting your System & Tools ready)

On Your Marks!!! Get Set Go...

1. Before you Start... (Operating System):

What: Check "System Type"

Why: Required Tools Compatibility

How: Several Ways.

Step 1 - Click on Windows "Menu" Icon (Windows 7)

Step 2 - Select "Control Panel"

Step 3 - Select "System & Security"

Step 4 - Select "System"

2. Setting Up Environment (Middle Layer)

What: Download & Install **JDK** (Java Development Kit)

"JDK creates abstract layer upon the hardware and install JVM (Java Virtual Machine) that runs Java"

Why: So we can run Eclipse (Tool) & Java (Coding Language) on system under use.

How: Follow the instructions below:

Step 1 - Go to the link

<http://www.oracle.com/technetwork/java/javase/downloads/jdk7-downloads-1880260.html>

Step 2 - Read & Accept License Agreement in "**Java SE Development Kit 7u79**" table:

Step 3 - Select the relevant download option according to your System Type.

Step 4 - Follow the on screen instruction and complete the installation.

3. Download Eclipse (Compiler)

(Compiler is a translator - It will translate your Java Code into Byte Code)

What: Eclipse

Why: Need a tool for coding (Automation Scripts)

How: Follow the instructions below:

Step 1 - Go to the link <https://eclipse.org/downloads/>

Step 2 – Select the relevant Operating system bit in "Eclipse IDE for java Developers"

Step 3 – Once Downloaded Extract files from the ZIP folder. (Remember the path i.e. Default folder path)

Step 4 – Create a Desktop Shortcut - Open the Default Folder in "Windows Explorer" and follow the following:

- Double Click on the Downloaded Folder (**eclipse-java-mars-1-win32-x86_64**)
- Double Click on "**eclipse**" Folder.
- Right Click on "**eclipse icon – Type "Application"**)
- Send to → Select "Desktop (Create Shortcut)

Download FireFox Browser & Addons: Install Firefox, Firebug and Firepath Extensions:

What: Firefox, Firebug & Firepath.

Why: Let it be secret at this stage ;-)

How: Follow the instructions below:

Step 1 – To Install "Mozilla Firefox Browser" Go to the link <https://www.mozilla.org/en-GB/firefox/desktop/> and follow the instructions.

Step 2 – To Install "Firebug Addon" Go to the link <https://getfirebug.com/downloads/> and follow the instructions.

Step 3 – To Install "Firepath Addon" Go to the link <https://addons.mozilla.org/en-GB/firefox/addon/firepath/> and follow the instructions.

Well Done You Are doing GREAT!!!

4. Download Selenium Jar Files. (IT IS NOT A SOFTWARE)

What: Selenium Jar "Java Archive" files.

Why: Let it be secret at this stage ;-)

How: Follow the instructions below:

Step 1 – Go to the link <http://docs.seleniumhq.org/download/>.

Step 2 – Under Heading "**Selenium Client & Webdriver Language Bindings**" Click on "**Download**" for Java.

Step 3 – Go to Download Folder → double Click on "Selenium Java ZIP Archive" → Extract All Files

Yahooooo You Are All Set – Let's Begin The Journey "Beginner To Pro"