Pre Classroom – Software Installation Document

Includes JDK, Eclipse, Selenium and Gradle Installation Guides

03 - Installation Steps for JDK

Steps:

1. Check if java is installed in your machine already and know what version and type, if installed?

   If you are using windows or MAC or Linux operating system then type in command prompt / terminal java -version

   If java is installed then you will get something like this

   java version "1.8.0_91"
   Java(TM) SE Runtime Environment (build 1.8.0_91-b14) Java HotSpot(TM)
   Client VM (build 25.91-b14, mixed mode)

   Note: *In this case, the version is 1.8 and mixed mode means it is of 32 bit version; else you have 64 but jdk/jre.*

   If you are 32 bit JDK 1.8 installed users, go to next page

   For all 64 bit JDK machine holders, you have 2 choices:

   a) *Either you can uninstall JDK and install 32 bit JDK 1.8 version on your 64 bit machines too. No difference in performance is noted*
      -- When you uninstall 64 bit JDK, you have to go to C:/ProgramData/Oracle folder and delete that folder before you install 32 bit JDK (Note: ProgramData will be a hidden folder so you will not see it unless type in the file explorer)

   b) *Or you can stay with 64 bit JDK but the downloaded eclipse (part of TestLeaf software library) may not be useful for you. So you need to download Eclipse 64 bit from* http://www.eclipse.org/downloads/download.php?file=/technology/epp/downloads/r elease/oxygen/2/eclipse-jee-oxygen-2-win32-x86_64.zip)

   But we recommend option a) *as the eclipse downloaded from TestLeaf provided software has other required Plugin and software bundles. So we recommend uninstalling 64 bit and installing 32 bit JDK.*

   If java not installed before, you will see a message stating '**java' is not recognized.**

   If so, follow the steps as given in this link to complete the installation using the JDK software provided in the drive.

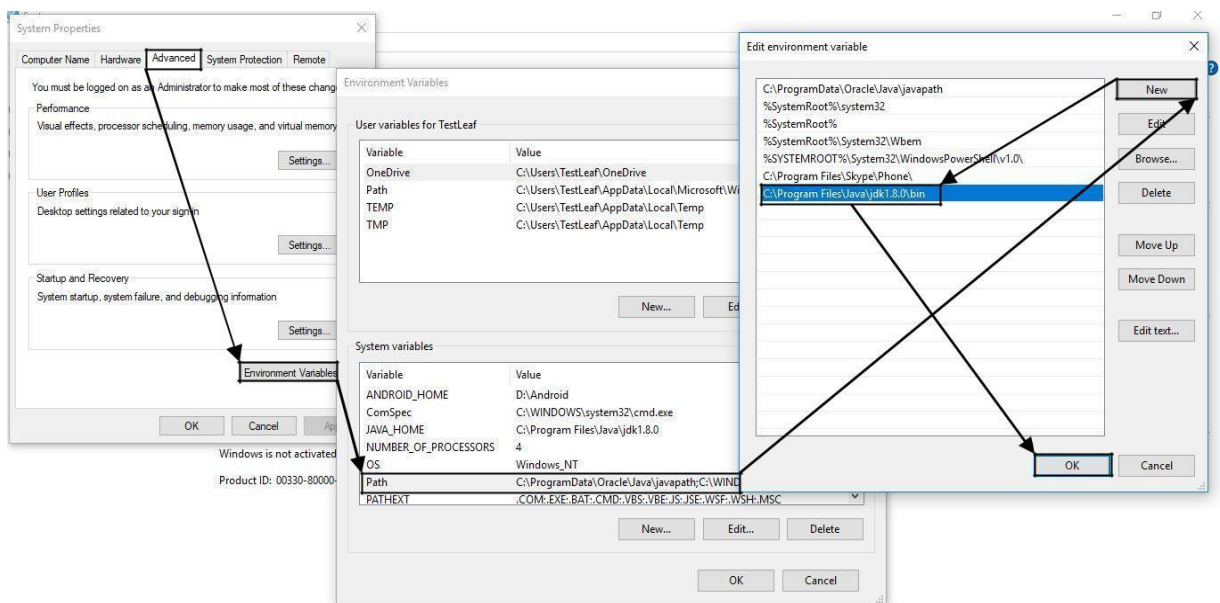   http://www.wikihow.com/Install-the-Java-Software-Development-Kit

   If you java 1.7 or 1.6, uninstall JDK/JRE from your machine from control panel, and download 32 bit JDK (even for 64 bit machine; whereas a 32 bit machine do not support 64 bit JDK)

   http://www.wikihow.com/Install-the-Java-Software-Development-Kit

Set the Java Path as an Environmental Path Variable

- Go to the below location in your machine.
- Path: Control Panel\System and Security\System

- Click on "Advanced system settings" and click on Environment Variables

- Add the Maven path in the Path variable under the System
  Variables Eg: C:\Program Files\Java\jdk1.8.0\bin

2. On successful completion of JDK installation, go to command prompt / terminal and

   type java -version

   And you will see the right version (1.8) and of 32/64 bit available

3. Installation Process for JDK ends here.

04 - Installation Steps for Eclipse

Pre-Requisite/Note:

- JDK 1.8 should be installed prior to the Eclipse installation

- You should have installed WinRAR software to extract eclipse.rar

- Internet should be available during Maven project creation

- You can as well follow using this URL http://www.tech-recipes.com/rx/39279/create-a-new-maven-project-in-eclipse/

Steps:

Go to the downloaded software folder given by TestLeaf and go to software's and extract eclipse.rar file (that means extract the contents of eclipse rar file)

1. Once extracted, go inside the extracted folder and click on eclipse application. *[Eclipse does not require installation, just copying the given folder will enable you to use Eclipse]*

2. Choose the convenient workspace(Project Path ~ This can be of any path) and click ok