**Step by step guide for Spring configuration**

Here are the steps to configure Spring core with eclipse IDE

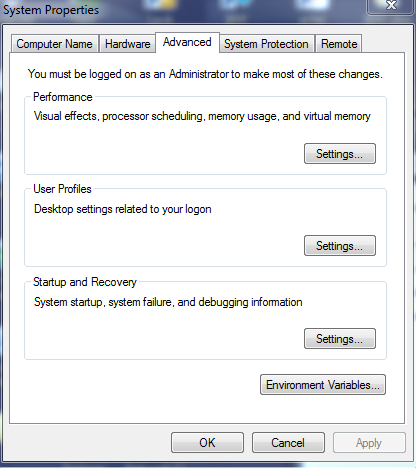
1. Install JDK (greater or equal JDK 1.6) from <http://www.oracle.com/technetwork/java/javase/downloads/index.html>

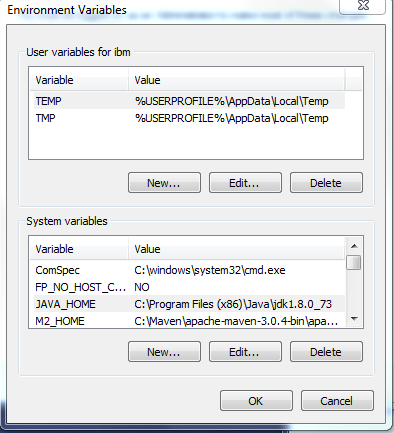
based on your Operating System

1. Install eclipse from <https://eclipse.org/downloads/>

based on your operating system

1. If OS is **windows** open Environment variables

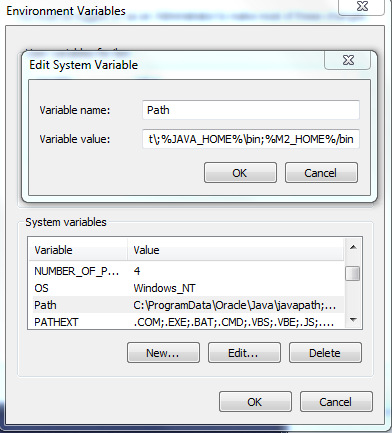




4. Click on Environment variables tab and add **JAVA\_HOME**(under System variables) and provide installing directory of java in value field.

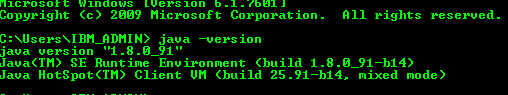
our installed directory is **C:\Program Files(x86)\java\jdk1.8.0\_73**

1. Double click on Path variable under System variable section



1. Add  **;%JAVA\_HOME%\bin** after variable value.(***Don’t delete anything just append***) click ok.
2. open command prompt hit following command

**java -version,** If it is showing java version that means java has successfully set up and set in classpath.



1. If OS is **Linux**

Open **.bashrc** file under home directory

And do the following

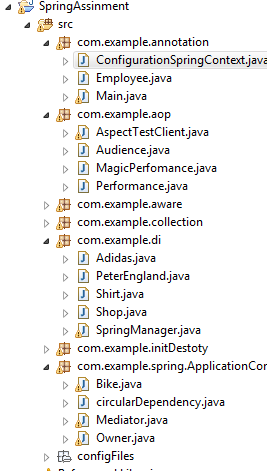
export JAVA\_HOME = /usr/local/jdk1.8.0\_73

export PATH=$PATH:$JAVA\_HOME/bin

9. Open a terminal and type “**java -version**” If it is showing java version, that means java has been successfully set up and set in classpath.

10. Go to eclipse installation directory and click on **eclipse.exe.**

11**.** Eclipse asks for a workspace please choose a workspace let say “C:\\javaProj” or in Linux “/home/<user>/javaproj”

12. create a java project in eclipse called **SpringAssignment**

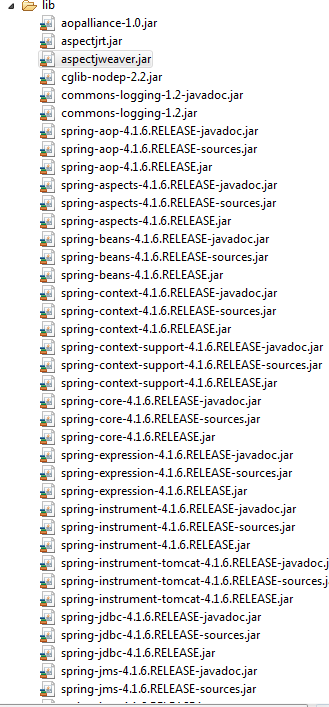
12. create a folder lib under SpringAssignment \lib

13. Download commonLoggin1.2.jar from here http://commons.apache.org/proper/commons-logging/download\_logging.cgi

14. extract it and put jars into lib folder earlier created (SpringAssignment \lib).

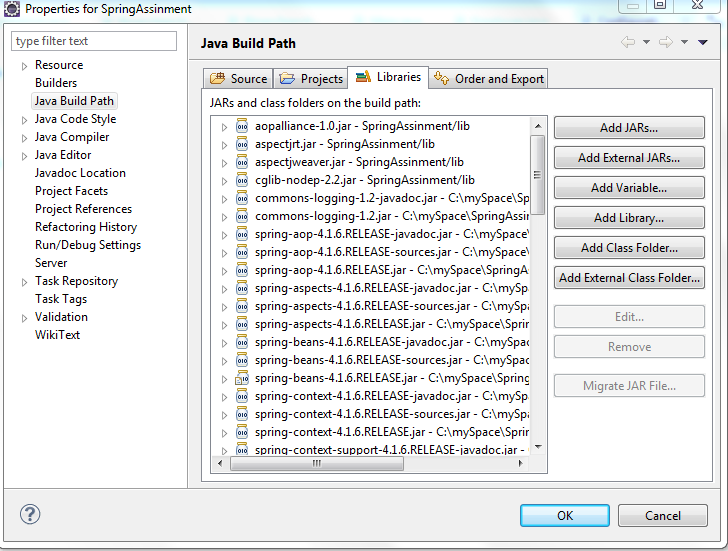
15. Download spring from here

**http://repo.spring.io/release/org/springframework/spring/4.1.6.RELEASE/**

16. extract it and put all jars into the lib SpringAssignment\lib folder.

17. Right click on SpringAssignment ->properties->java build path

18. click on add external jar and add all jars under lib folder



Well done setup is complete, now we will test it with a basic application in next chapter.