• Check Java Version in command window (Java –version)  
• Download JDK 1.8 (<http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>)  
• Download IntelliJ IDE (<https://www.jetbrains.com/idea/download/>)  
• Check Maven Version in command window (Mvn –version)   
• Download Maven 3.3.9 (<https://maven.apache.org/download.cgi>)

Below is the correct file to download as mentioned in stackoverflow

Maven M2\_HOME set to an invalid directory (Windows 7) - Stack Overflow

[download a zip file which contains](http://archive.apache.org/dist/maven/maven-3/3.3.9/binaries/apache-maven-3.3.9-bin.zip)

• Set Environment Variables

On Windows  
       • Add M2\_Home (C:\apache-maven-3.3.9-bin\apache-maven-3.3.9)  
       • Add Java\_Home (C:\Program Files\Java\jdk1.8.0\_102)  
       • Add/Edit the Path Variable Path (Add in the bin path to maven and java)

On Mac you need to add to your bash profile:

* + export JAVA\_HOME=$(/usr/libexec/java\_home)
  + export M2\_HOME=/Users/b002878/Downloads/apache-maven-3.3.9
  + export PATH=$PATH:$M2\_HOME/bin

Intellij idea new project creation

problem- Maven did not appear solution- Need to select Maven as build tool while creating new project

problem- Maven did not appear after open existing project and unable to run test solution- select the existing project pom.xml and then click on open project. It solved the problem.

No marketplace entries found to handle maven-compiler-plugin:3.8.0:testCompile in Eclipse. Please see Help for more information.

https://stackoverflow.com/questions/15506043/create-a-maven-project-in-eclipse-complains-could-not-resolve-archetype

I had the same problem. I fixed it by adding the maven archetype catalog to eclipse. Steps are provided below: (Please note the https protocol)

1. Open Window > Preferences
2. Open Maven > Archetypes
3. Click 'Add Remote Catalog' and add the following:
   * Catalog File: <https://repo1.maven.org/maven2/archetype-catalog.xml>
   * Description: maven catalog

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, website

Description automatically generated

<https://stackoverflow.com/questions/12533885/could-not-calculate-build-plan-plugin-org-apache-maven-pluginsmaven-resources>

mvn install:install-file -Dfile=maven-war-plugin-2.4.1.jar -DpomFile=maven-war-plugin-2.4.1.pom

mvn install:install-file -Dfile=maven-compiler-plugin-2.3.2.jar -DpomFile=maven-compiler-plugin-2.3.2.pom

mvn install:install-file -Dfile=maven-resources-plugin-2.5.jar -DpomFile=maven-resources-plugin-2.5.pom

mvn eclipse:eclipse

mvn clean install

mvn clean install -U

mvn test

mvn compile

to update maven repos without errors

for /r %i in (\*.lastUpdated) do del %i

in mac - find ~/.m2 -name "\*.lastUpdated" -exec grep -q "Could not transfer" {} \; -print -exec rm {} \;

Maven flow diagram

