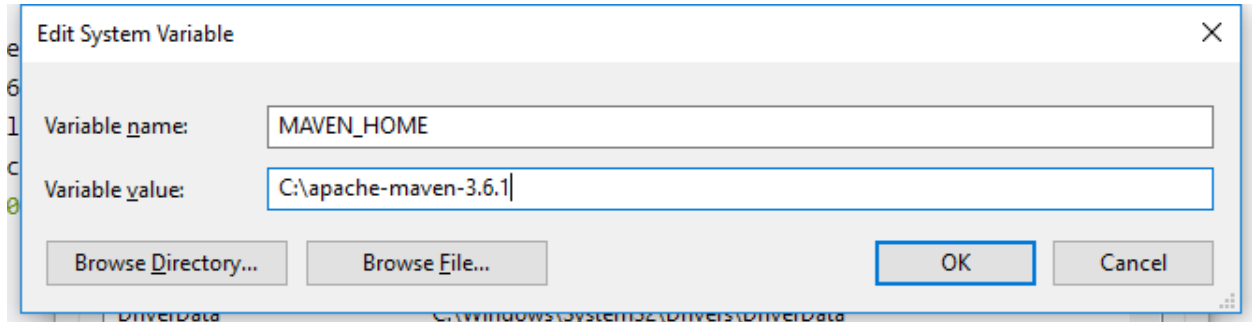
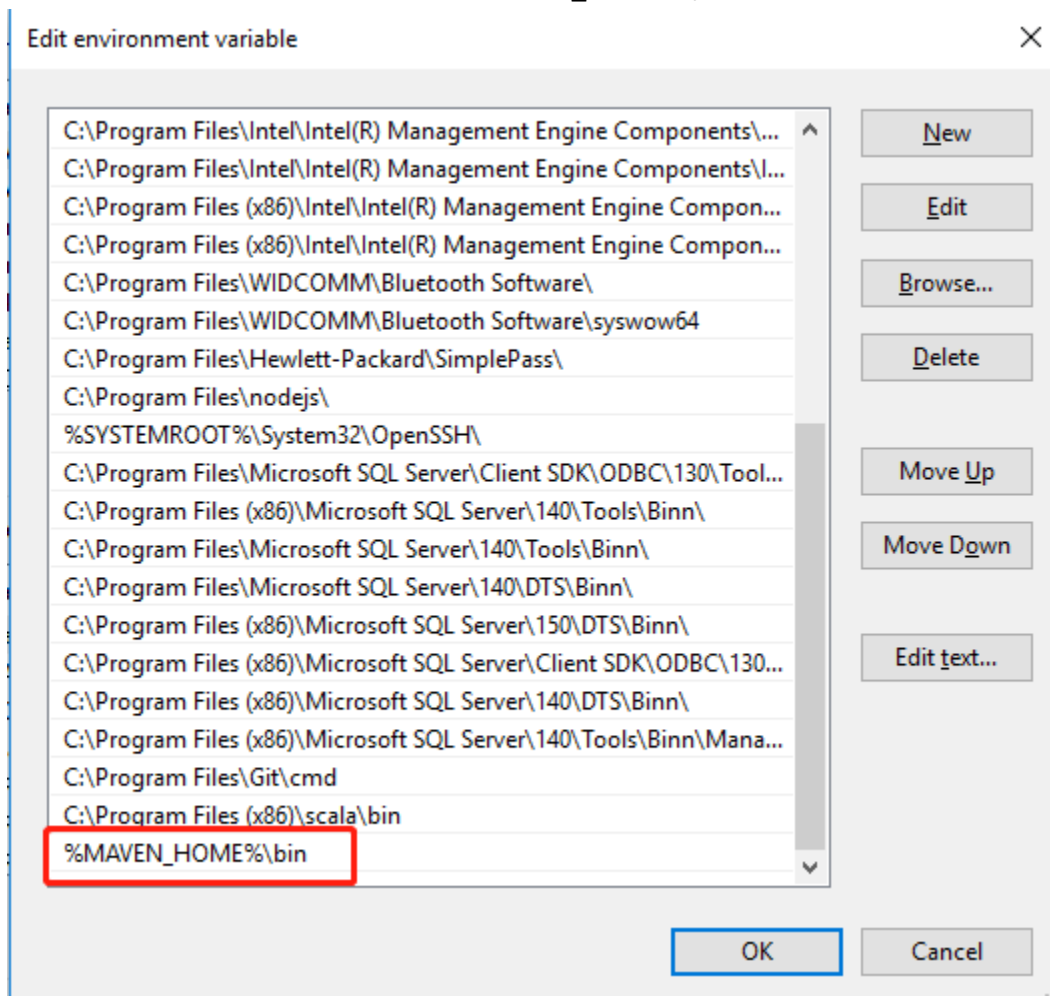


1. Download Maven: <http://maven.apache.org/download.cgi>
2. Unzip it to some folder
3. Add a `MAVEN_HOME` system variables, and point it to the Maven folder. Press Windows key, type `adv` and clicks on the `View advanced system settings`



4. Add `%MAVEN_HOME%\bin` To PATH  
In system variables, find PATH, clicks on the Edit... button. In "Edit environment variable" dialog, clicks on the New button and add this `%MAVEN_HOME%\bin`



5. Done, start a new command prompt, type `mvn -version` :

```
Select Command Prompt
Microsoft Windows [Version 10.0.17134.706]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\rxing>mvn -version
Apache Maven 3.6.1 (d66c9c0b3152b2e69ee9bac180bb8fcc8e6af555; 2019-04-04T14:00:29-05:00)
Maven home: C:\apache-maven-3.6.1\bin\..
Java version: 10.0.2, vendor: Oracle Corporation, runtime: C:\Program Files\Java\jdk-10.0.2
Default locale: en_US, platform encoding: Cp1252
OS name: "windows 10", version: "10.0", arch: "amd64", family: "windows"

C:\Users\rxing>
```

6. Install MVCFramework.jar

mvn install:install-file -Dfile=MVCFramework.jar -DgroupId=edu.mum.cs -  
DartifactId=mvcframework -Dversion=1.0.0 -Dpackaging=jar

```
H:\>cd H:\courses\WAA\201903\demos\Lesson02

H:\courses\WAA\201903\demos\Lesson02>mvn install:install-file -Dfile=MVCFramework.jar -DgroupId=edu.mum.cs -DartifactId=
mvcframework -Dversion=1.0.0 -Dpackaging=jar
[INFO] Scanning for projects...
[INFO] -----< org.apache.maven:standalone-pom >-----
[INFO] Building Maven Stub Project (No POM) 1
[INFO] -----[ pom ]-----
[INFO] --- maven-install-plugin:2.4:install-file (default-cli) @ standalone-pom ---
[INFO] Installing H:\courses\WAA\201903\demos\Lesson02\MVCFramework.jar to C:\Users\rxing\.m2\repository\edu\mum\cs\mvcf
ramework\1.0.0\mvcframework-1.0.0.jar
[INFO] Installing C:\Users\rxing\AppData\Local\Temp\mvninstall4708453869523185679.pom to C:\Users\rxing\.m2\repository\edu\mum\cs\mvcframework\1.0.0\mvcframework-1.0.0.pom
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 3.939 s
[INFO] Finished at: 2019-04-29T22:37:33-05:00
[INFO] -----

H:\courses\WAA\201903\demos\Lesson02>
```

7. Add dependency to pom.xml

```
<dependency>
  <groupId>edu.mum.cs</groupId>
  <artifactId>mvcframework</artifactId>
  <version>1.0.0</version>
</dependency>
```