

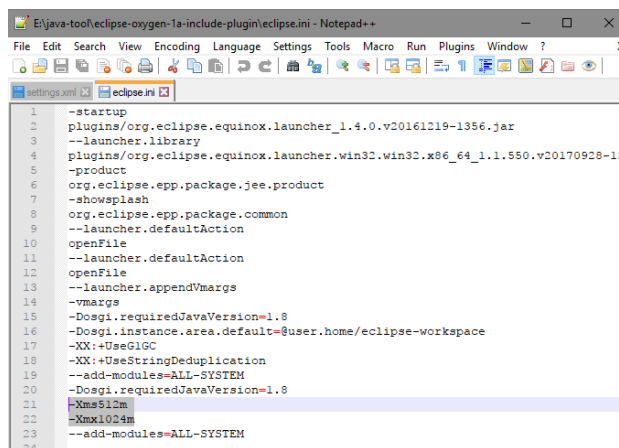
Chuẩn bị:

1. Install jdk 8.
2. Checkout CommonProject :
http://192.168.1.13/svn/base_project/CommonProject/trunk/CommonProject
3. Checkout jCanaryProject : http://192.168.1.13/svn/base_project/JCanaryProject/trunk/jCanary
4. Checkout DMCSProject : <http://14.161.47.48/svn/dmcs/trunk/09.Source/DMCSProject/trunk/dmcs>
5. Download jar-lib, download maven, download eclipse, jBoss EAP 7 :
[\\192.168.1.20\share\\$\05.PROJECT\AVIVA_TOOLS](\\192.168.1.20\share$\05.PROJECT\AVIVA_TOOLS)

Cài đặt:

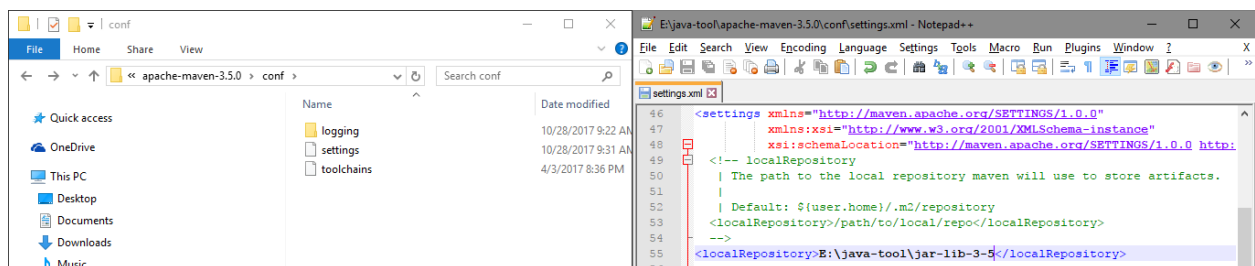
Sau khi download, tiến hành giải nén toàn bộ

Chỉnh sửa file **eclipse-oxygen-1a-include-plugin\eclipse.ini** cho Xms 512m, Xmx 1024m

A screenshot of a Notepad++ window titled 'E:\java-tool\eclipse-oxygen-1a-include-plugin\eclipse.ini - Notepad++'. The window shows the contents of the eclipse.ini file. The text is as follows:

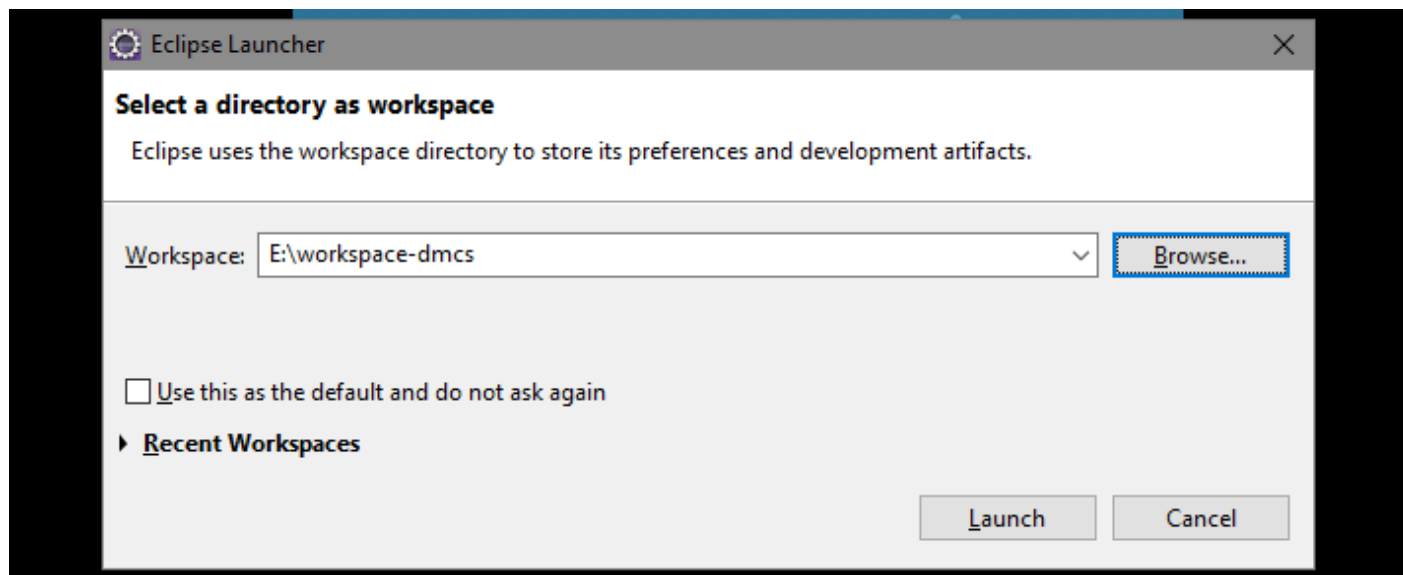
```
1 -startup
2 plugins/org.eclipse.equinox.launcher_1.4.0.v20161219-1356.jar
3 --launcher.library
4 plugins/org.eclipse.equinox.launcher.win32.win32.x86_64_1.1.550.v20170928-13
5 -product
6 org.eclipse.epp.package.jee.product
7 -showsplash
8 org.eclipse.epp.package.common
9 --launcher.defaultAction
10 openFile
11 --launcher.defaultAction
12 openFile
13 --launcher.appendVmargs
14 -vmargs
15 -Dosgi.requiredJavaVersion=1.8
16 -Dosgi.instance.area.default=@user.home/eclipse-workspace
17 -XX:+UseG1GC
18 -XX:+UseStringDeduplication
19 --add-modules=ALL-SYSTEM
20 -Dosgi.requiredJavaVersion=1.8
21 -Xms512m
22 -Xmx1024m
23 --add-modules=ALL-SYSTEM
24
```

Vào **apache-maven-3.5.0\conf\settings.xml** sửa đường dẫn *localRepository* thành đường dẫn chứa **jar-lib**

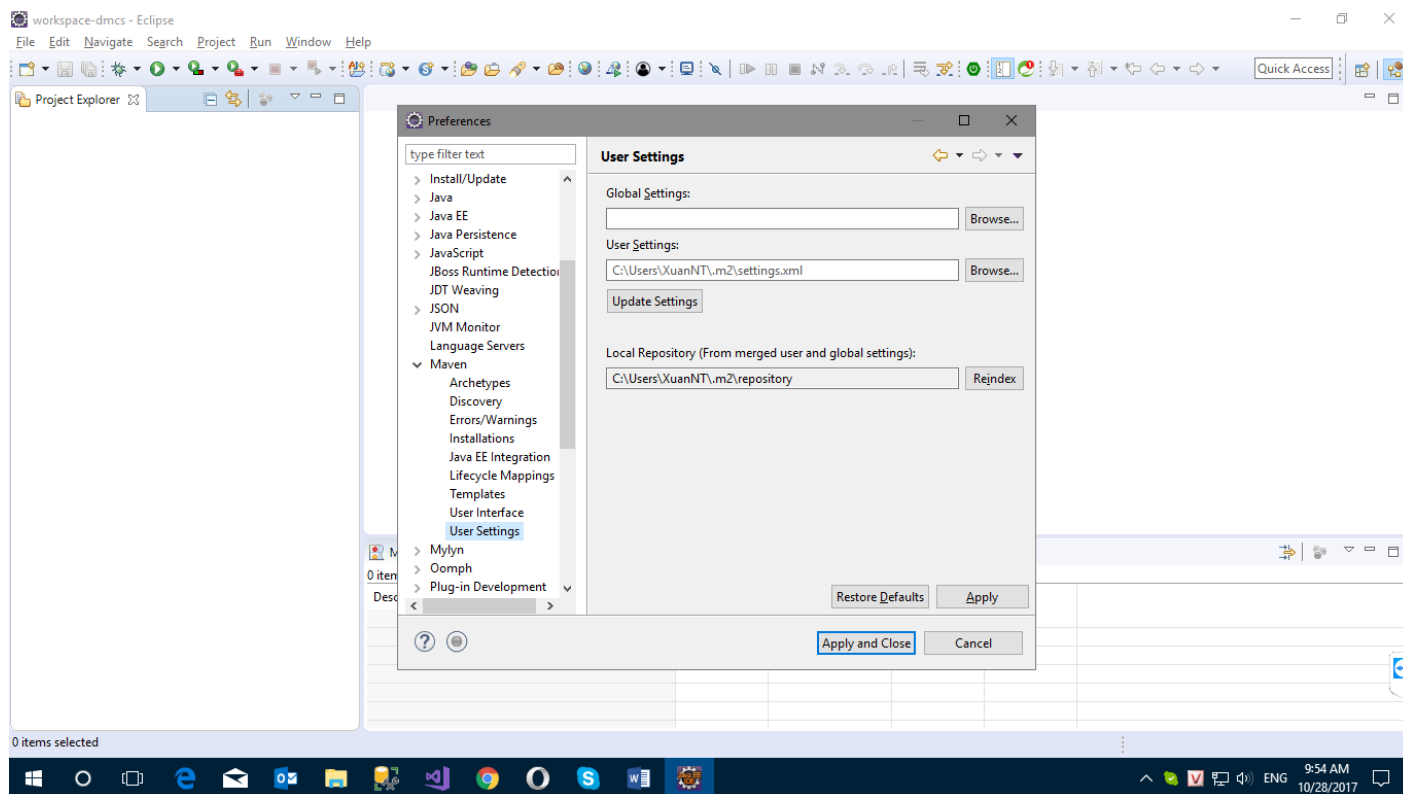
A screenshot showing two windows. On the left is a Windows Explorer window showing the directory 'E:\java-tool\apache-maven-3.5.0\conf'. It contains folders 'logging', 'settings', and 'toolchains'. On the right is a Notepad++ window titled 'E:\java-tool\apache-maven-3.5.0\conf\settings.xml - Notepad++'. It shows the XML content of settings.xml with the following lines highlighted:

```
46 <settings xmlns="http://maven.apache.org/SETTINGS/1.0.0"
47           xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
48           xsi:schemaLocation="http://maven.apache.org/SETTINGS/1.0.0 http:
49
50 <!-- localRepository
51 | The path to the local repository maven will use to store artifacts.
52 | Default: ${user.home}/.m2/repository
53 <localRepository>/path/to/local/repo</localRepository>
54 -->
55 <localRepository>E:\java-tool\jar-lib-3-5</localRepository>
56
```

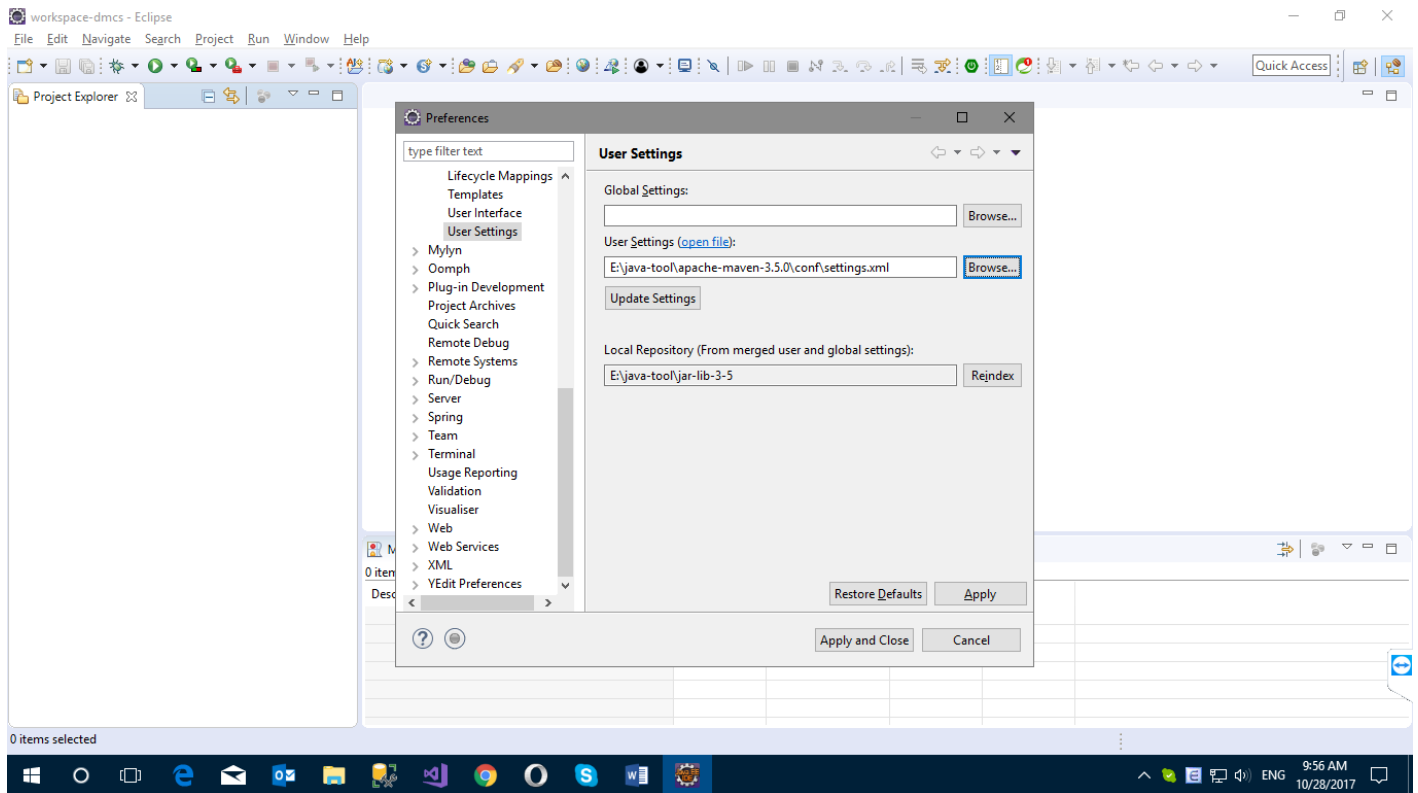
Mở Eclipse lên, bạn sẽ phải tạo workspace. (ở đây, mình tạo một folder trống với tên *workspace-dmcs* ở ổ đĩa E)



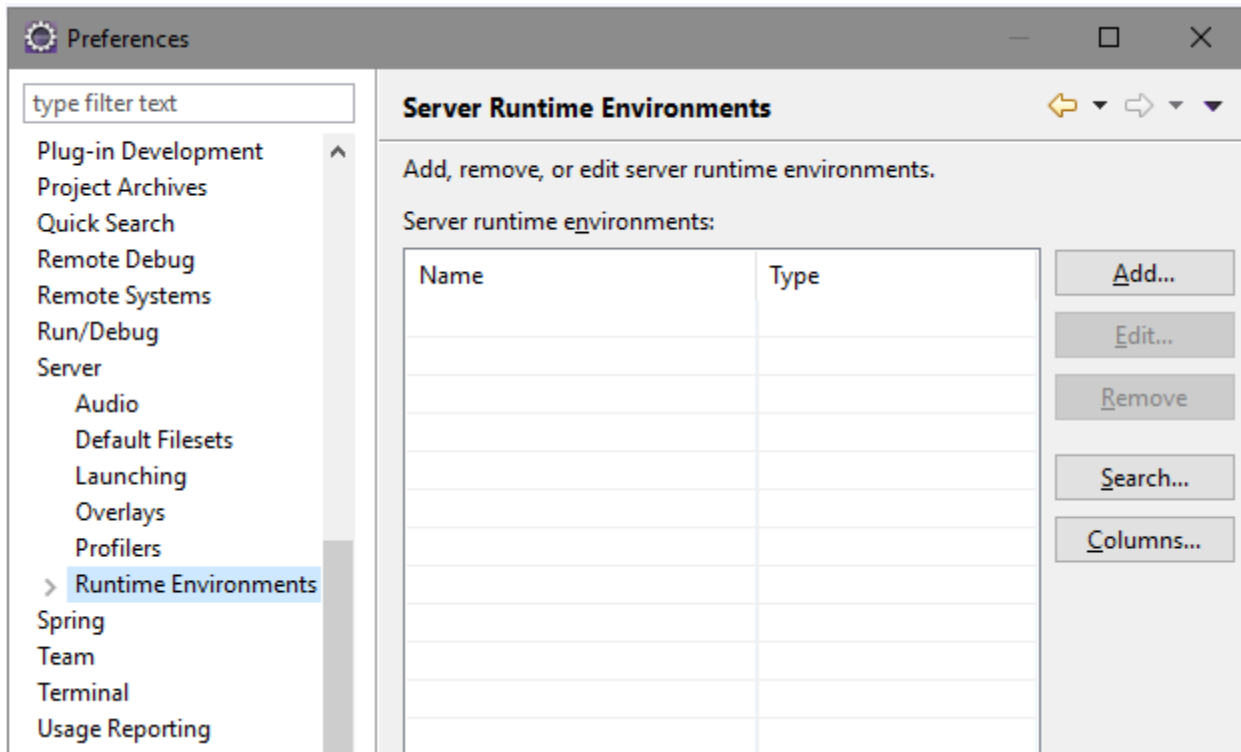
Sau khi mở eclipse, vào **Window** >> **Preferences** >> **Maven** >> **User settings**



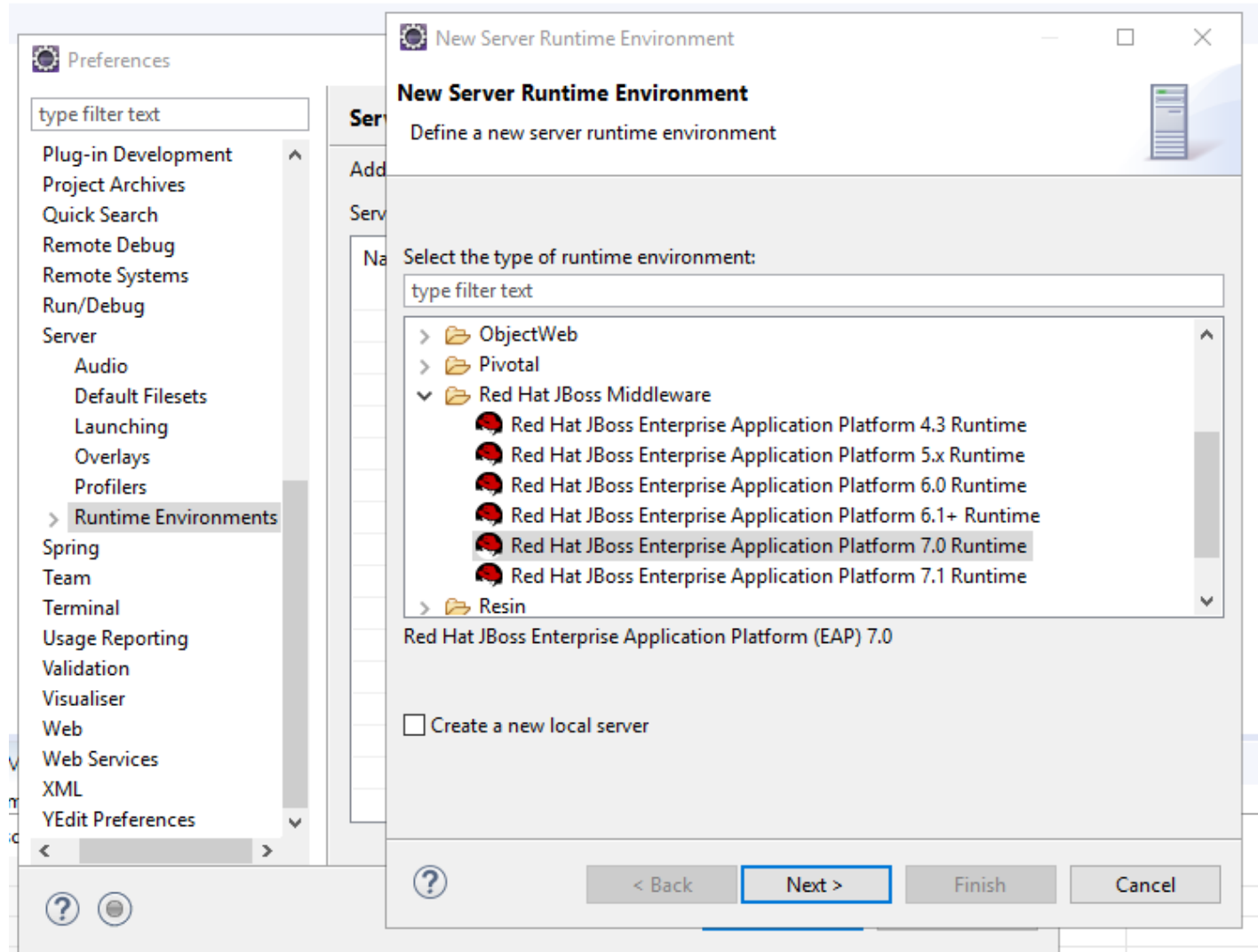
ở User setting, Browse đến file **apache-maven-3.5.0\conf\settings.xml**. thì mục Local Repository sẽ tự động tìm đến folder **jar-lib**. Rồi **Apply**.



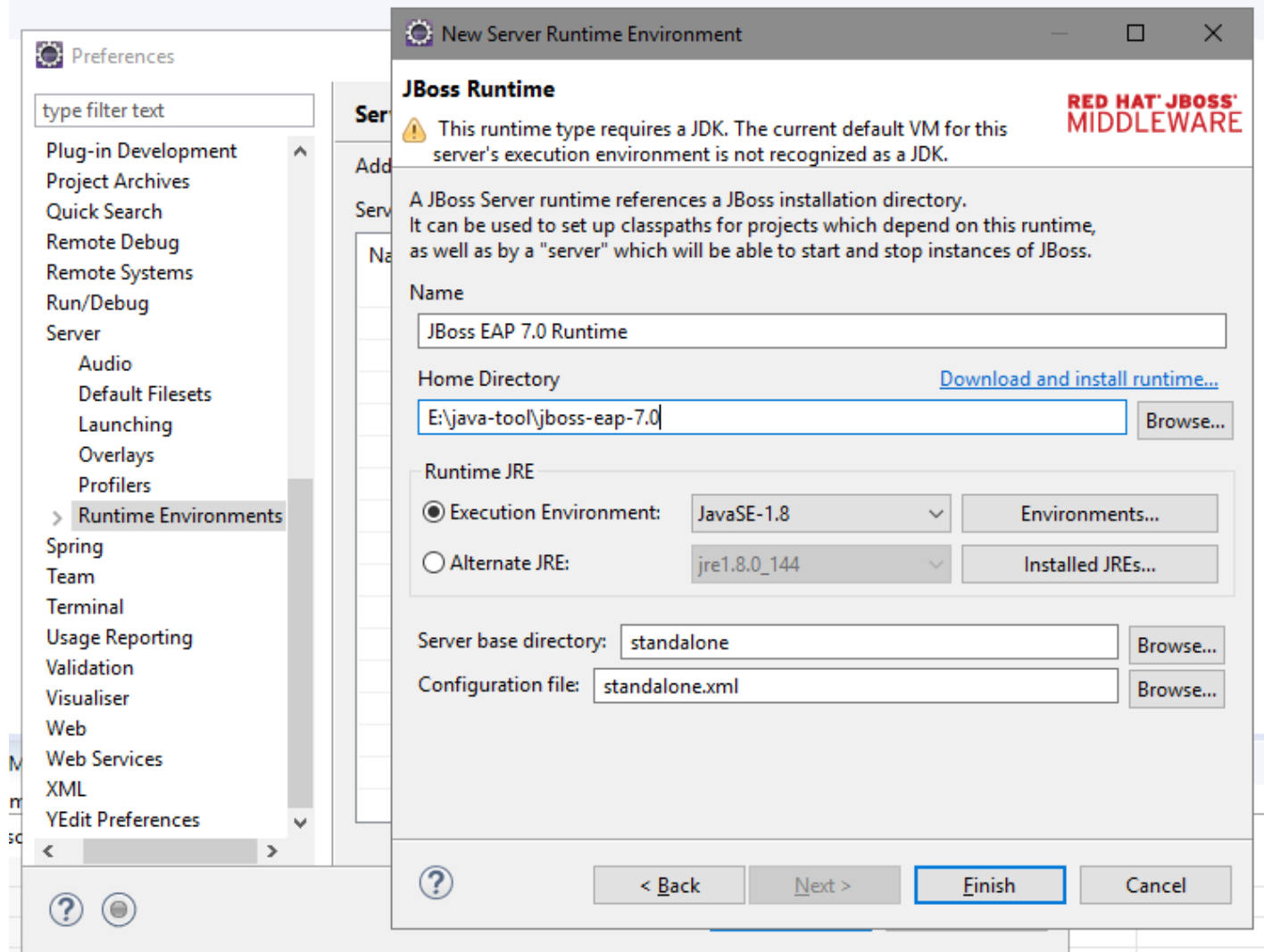
Tiếp theo. Tìm đến phần **Server >> Runtime Environments**



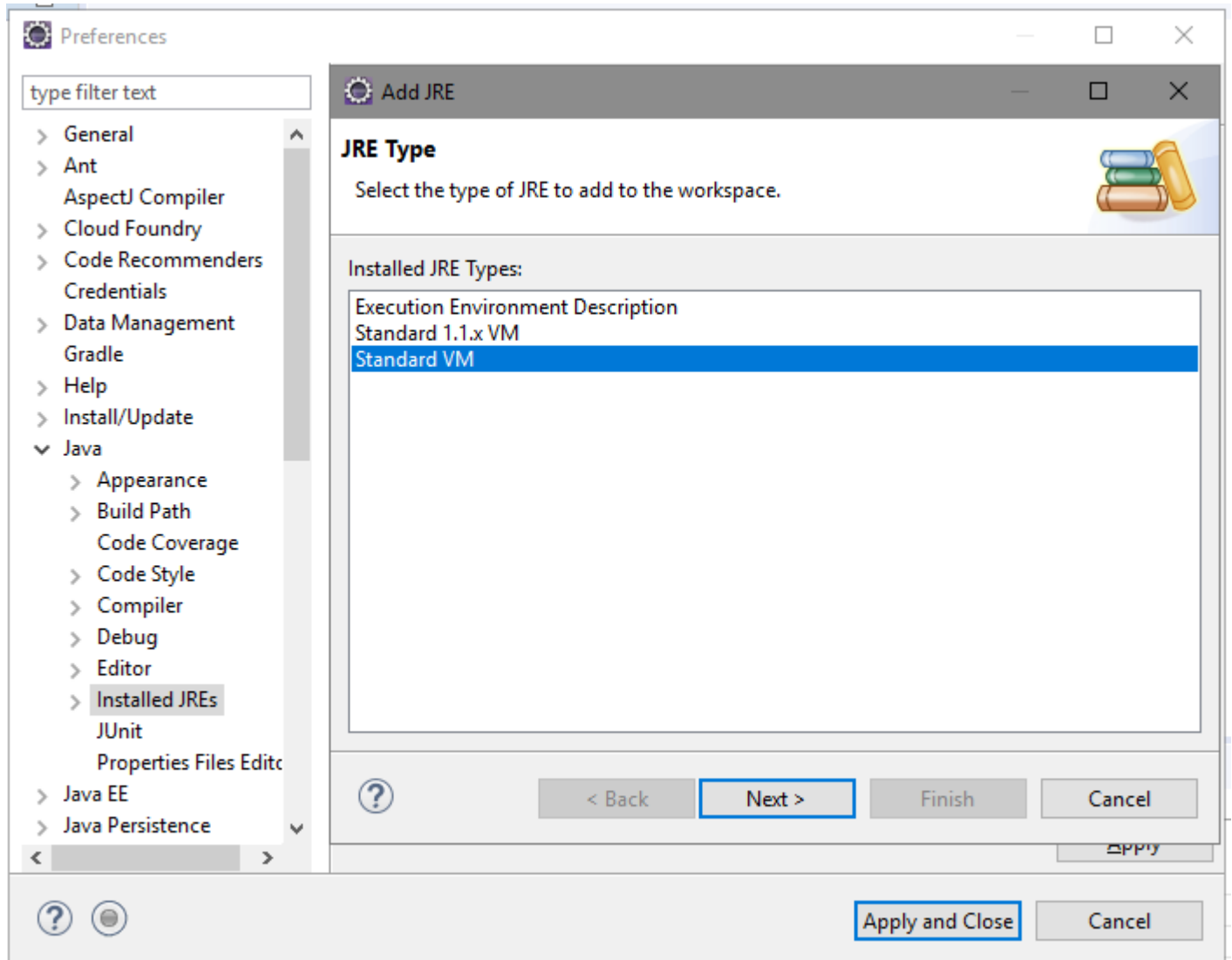
Add Red Hat JBoss Enterprise Application Platform 7.0 Runtime



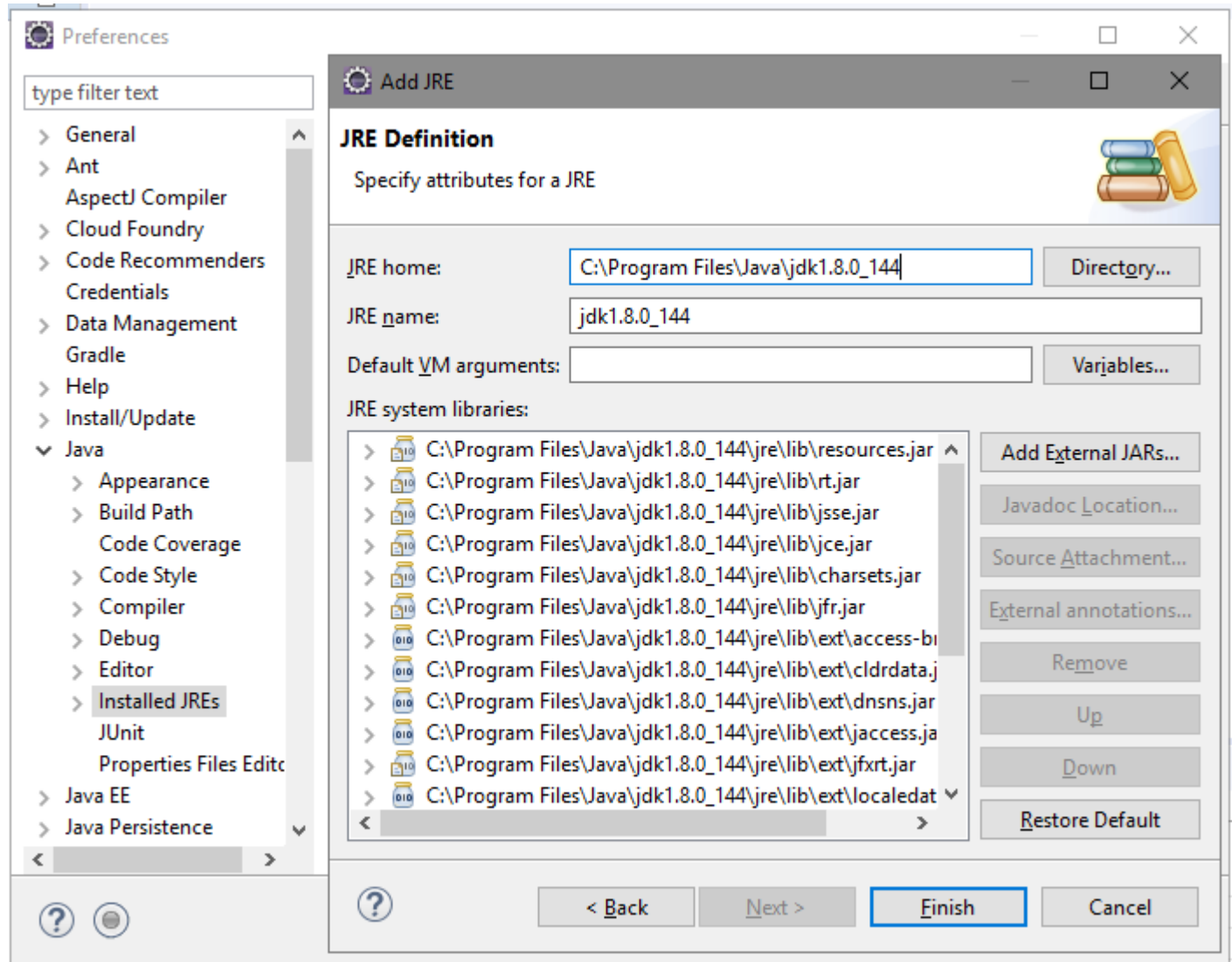
Ở phần *Home Directory*: Browse đến thư mục **jboss-eap-7.0**. Finish



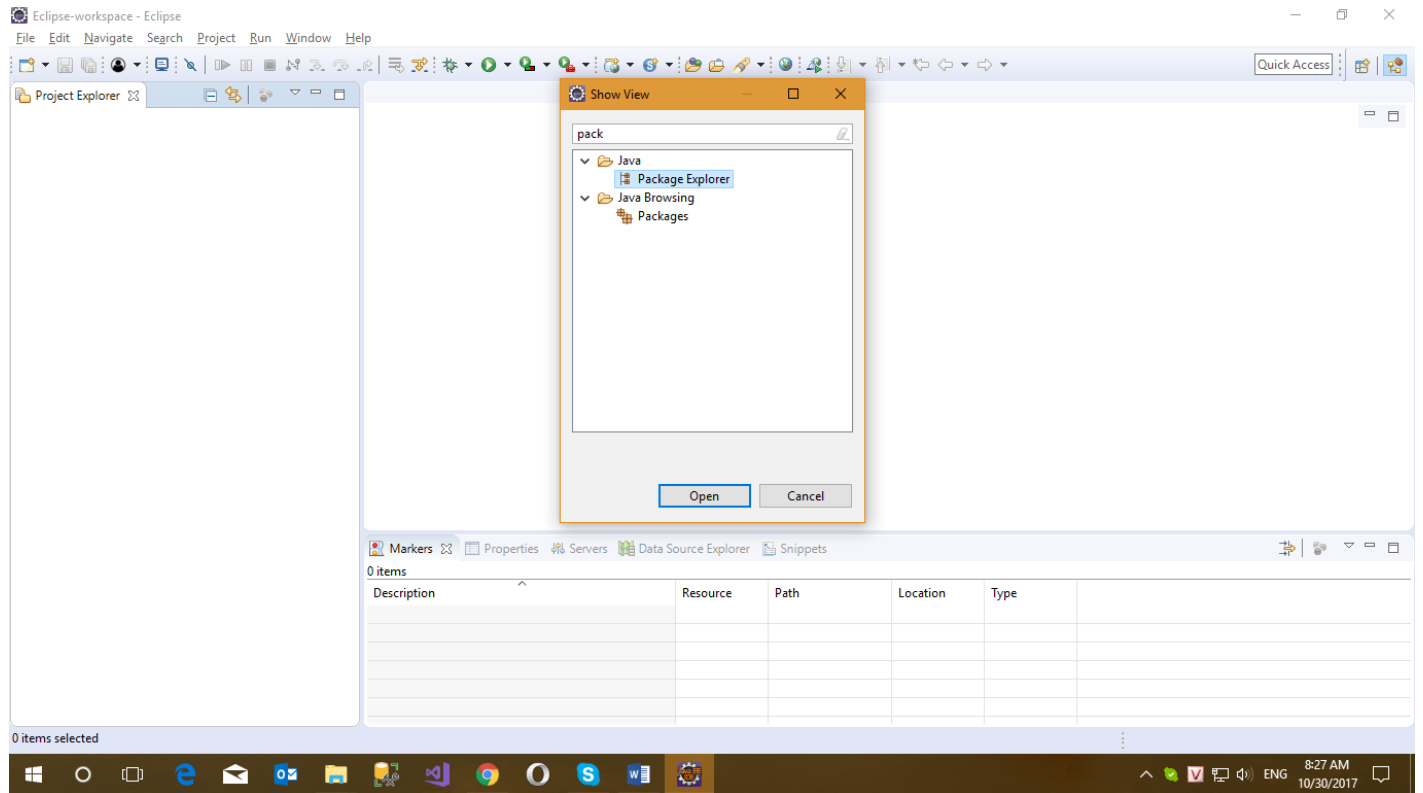
Tìm đến **Java** >> **Installed JREs**. Xóa jre hiện tại và add một cái khác: Chọn **Standard VM**.



Directory đến thư mục đã cài jdk 1.8 (thông thường sẽ là **C:\Program Files\Java\jdk...**). Finish rồi Apply

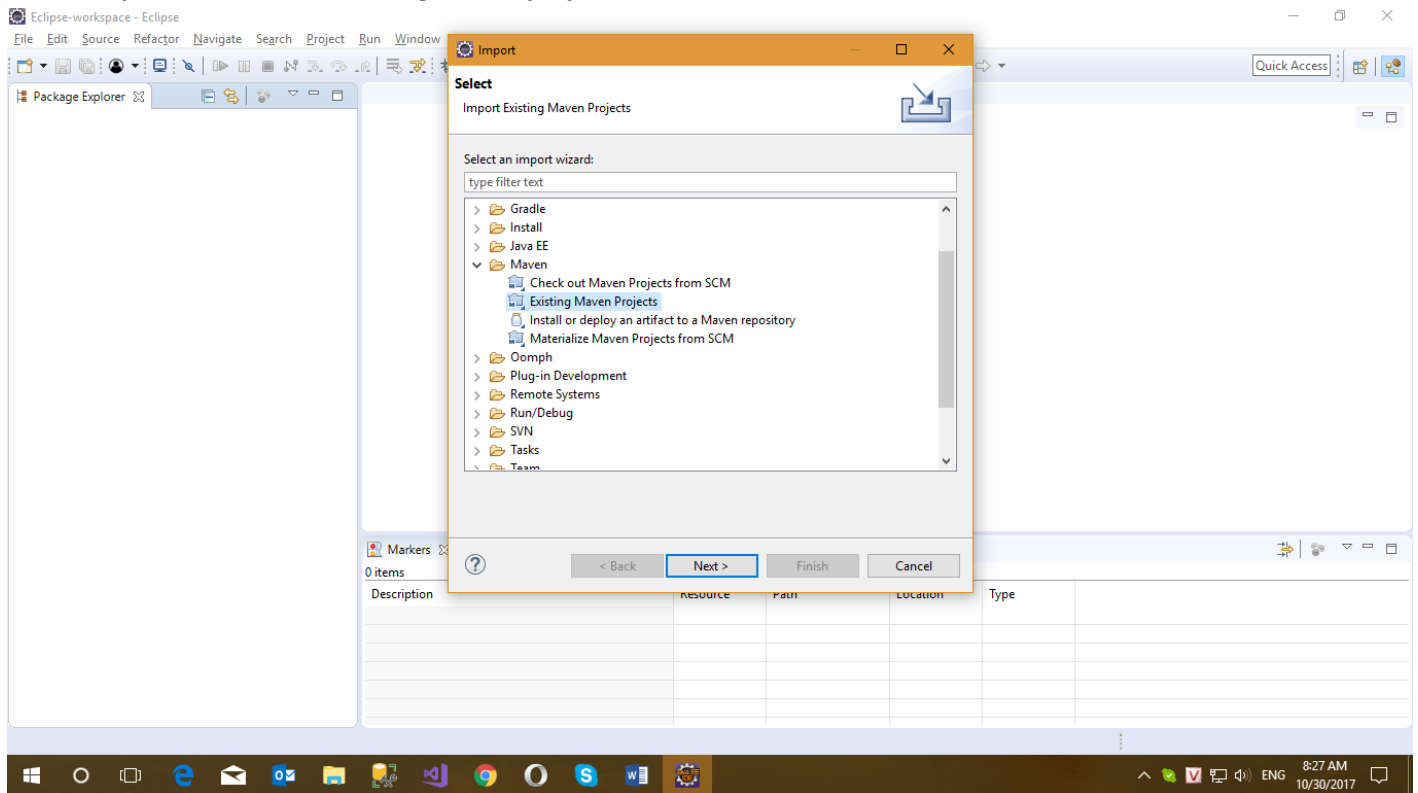


Vào **Window** >> **show view** >> **other** để gọi *package explorer*

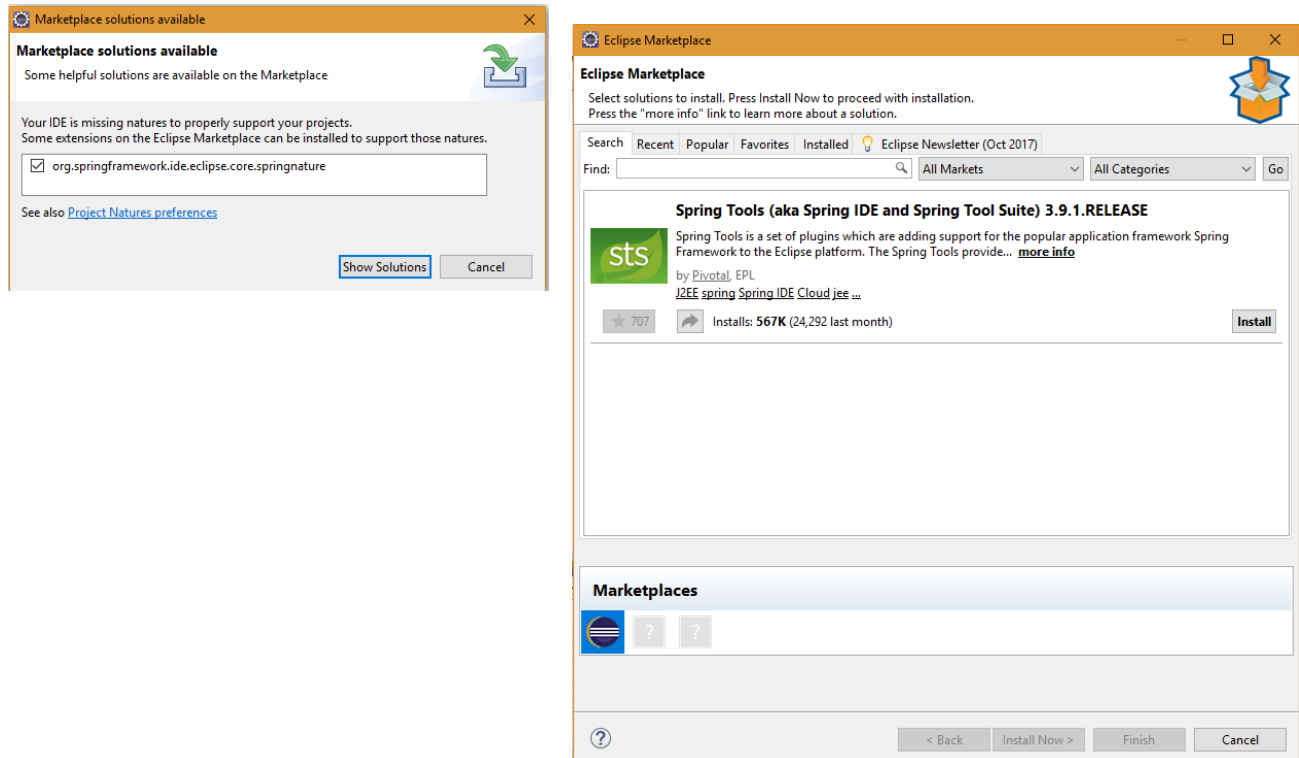


Tiến hành import các project (common, jcanary, dmcs).

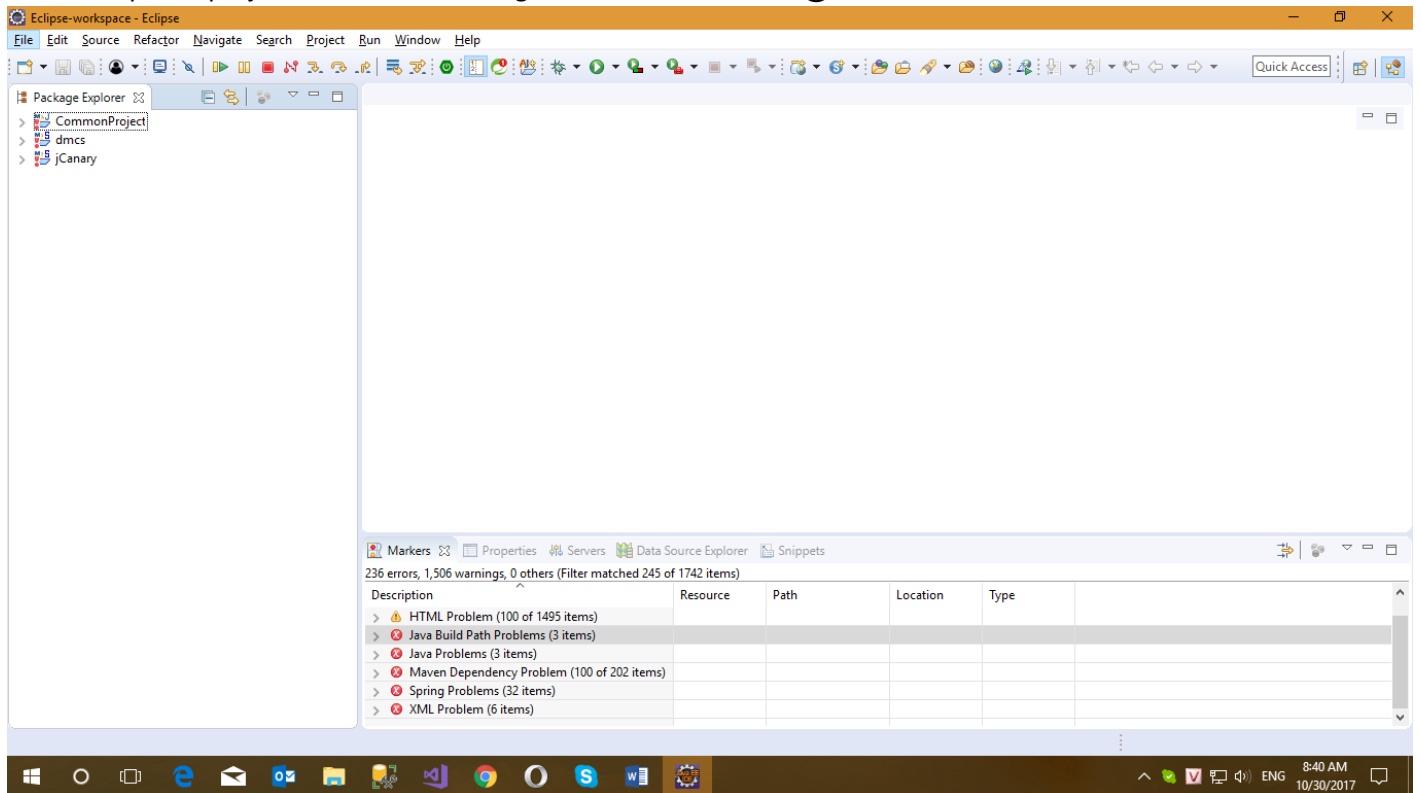
File >> Import >> Maven >> Existing maven project



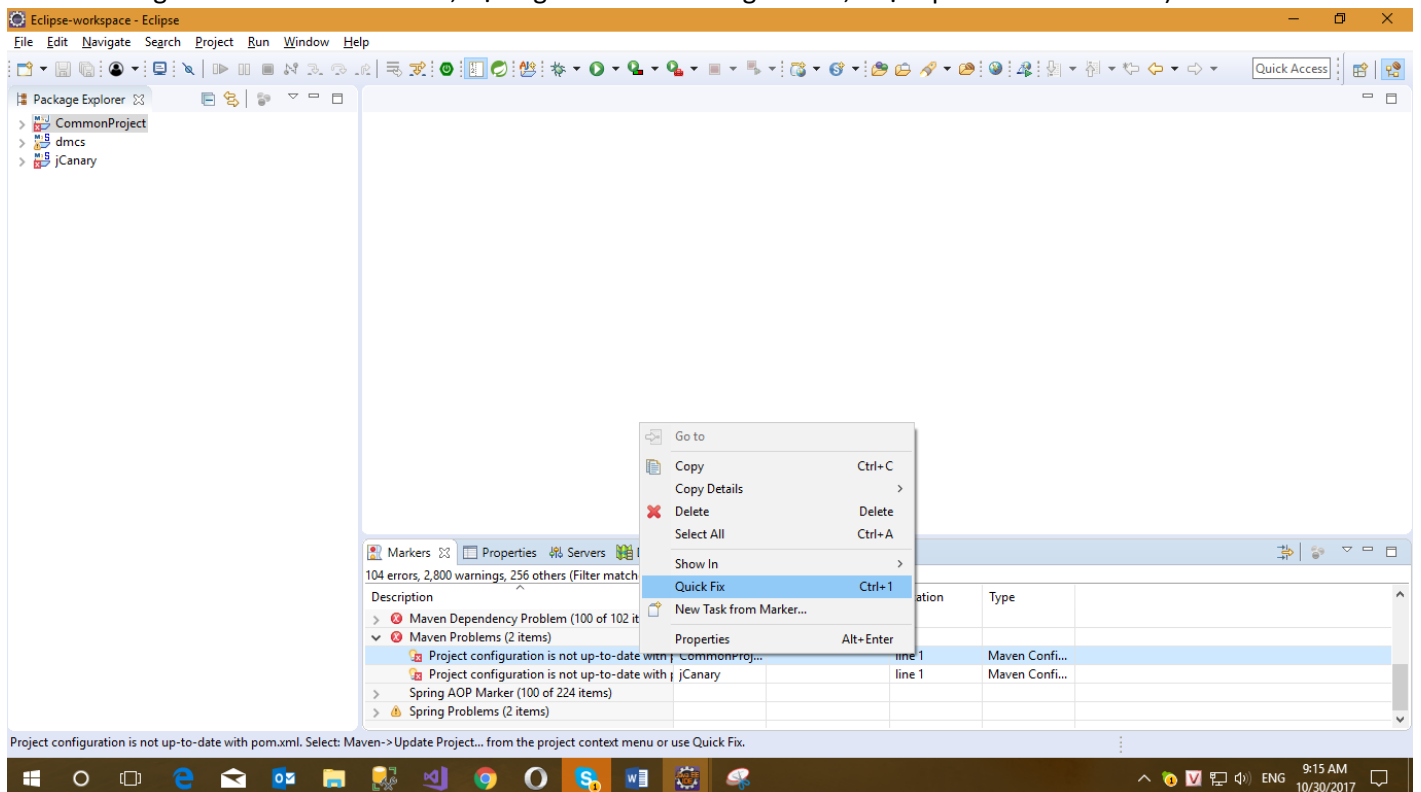
Có thể bạn sẽ được gợi ý cài Spring tool, click Show Solution và install **Spring tool**



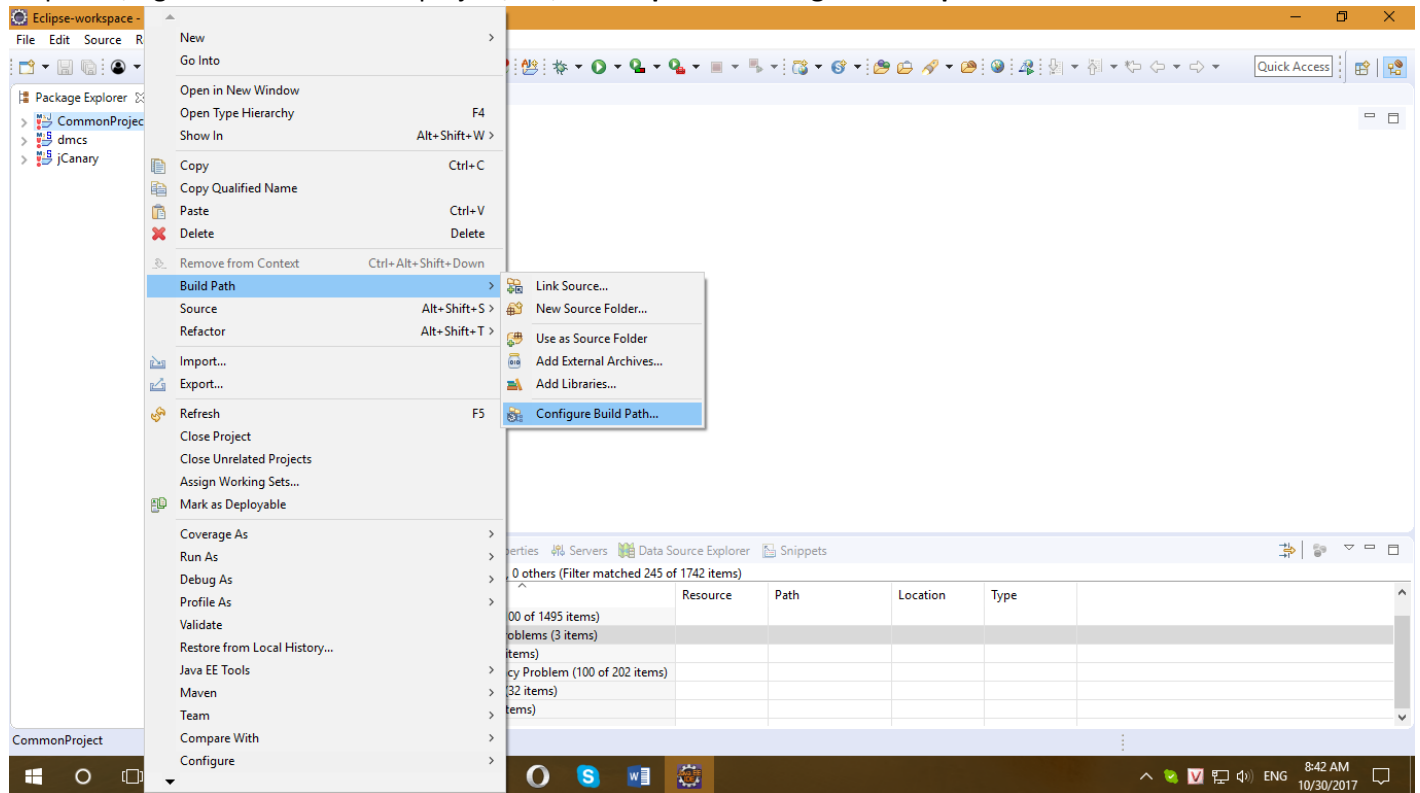
Sau khi import 3 project. Có thể sẽ có thông báo lỗi. Bình tĩnh nhé 😊



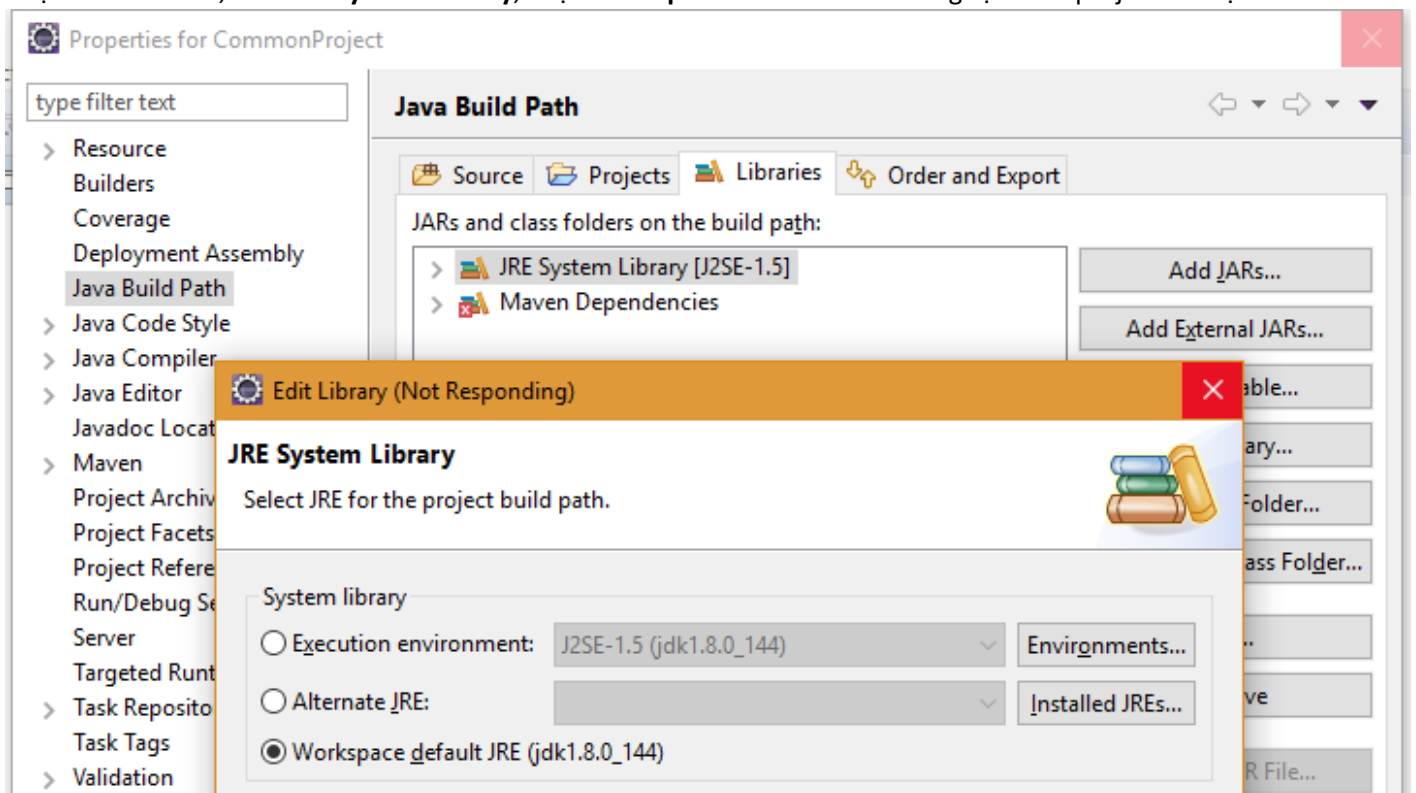
Nếu có thông báo lỗi Maven Problem, bạn right click vào thông báo lỗi, chọn quick fix. Rồi Finish :)



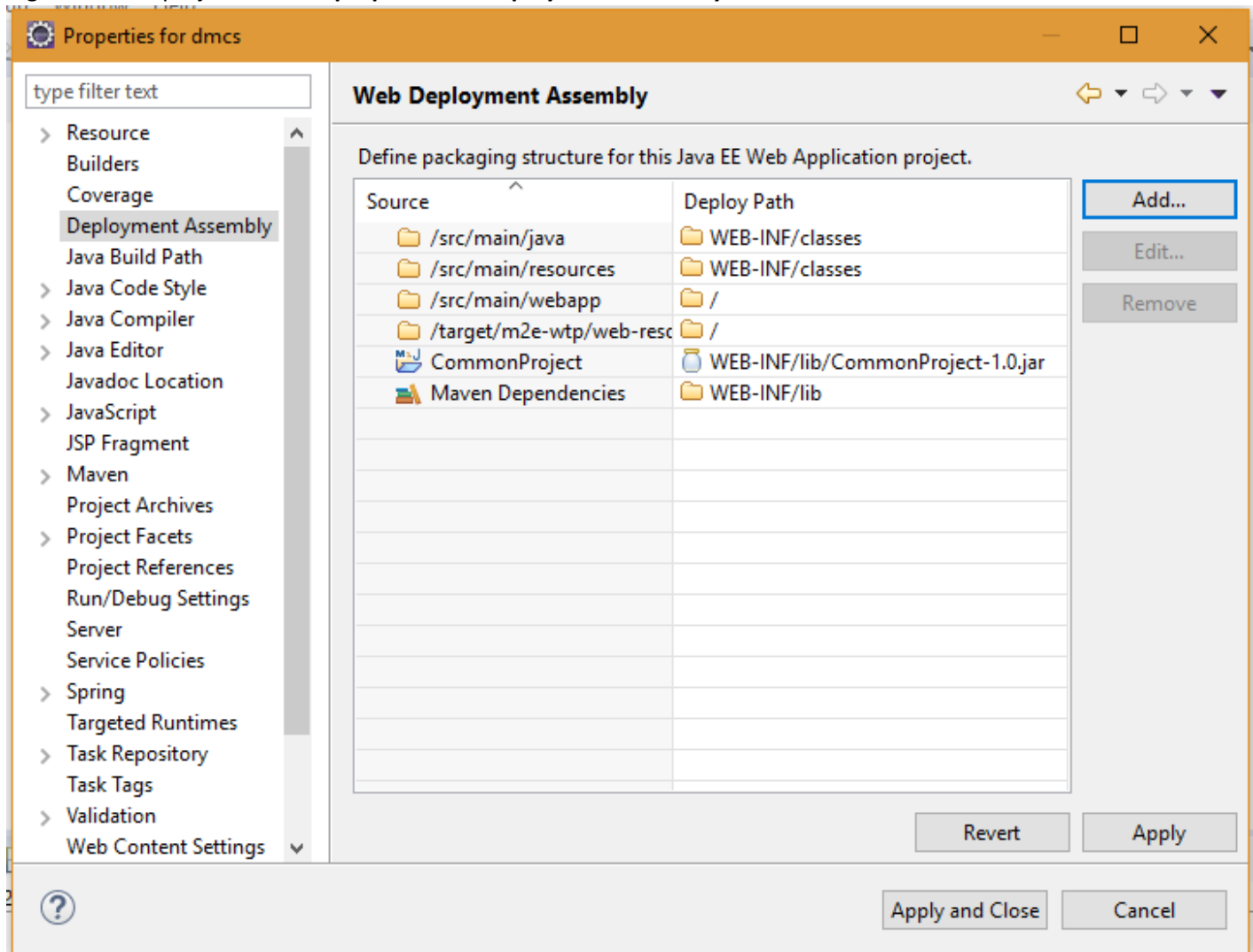
Tiếp theo, right click vào common project, chọn **Build path** >> **Configure build path**



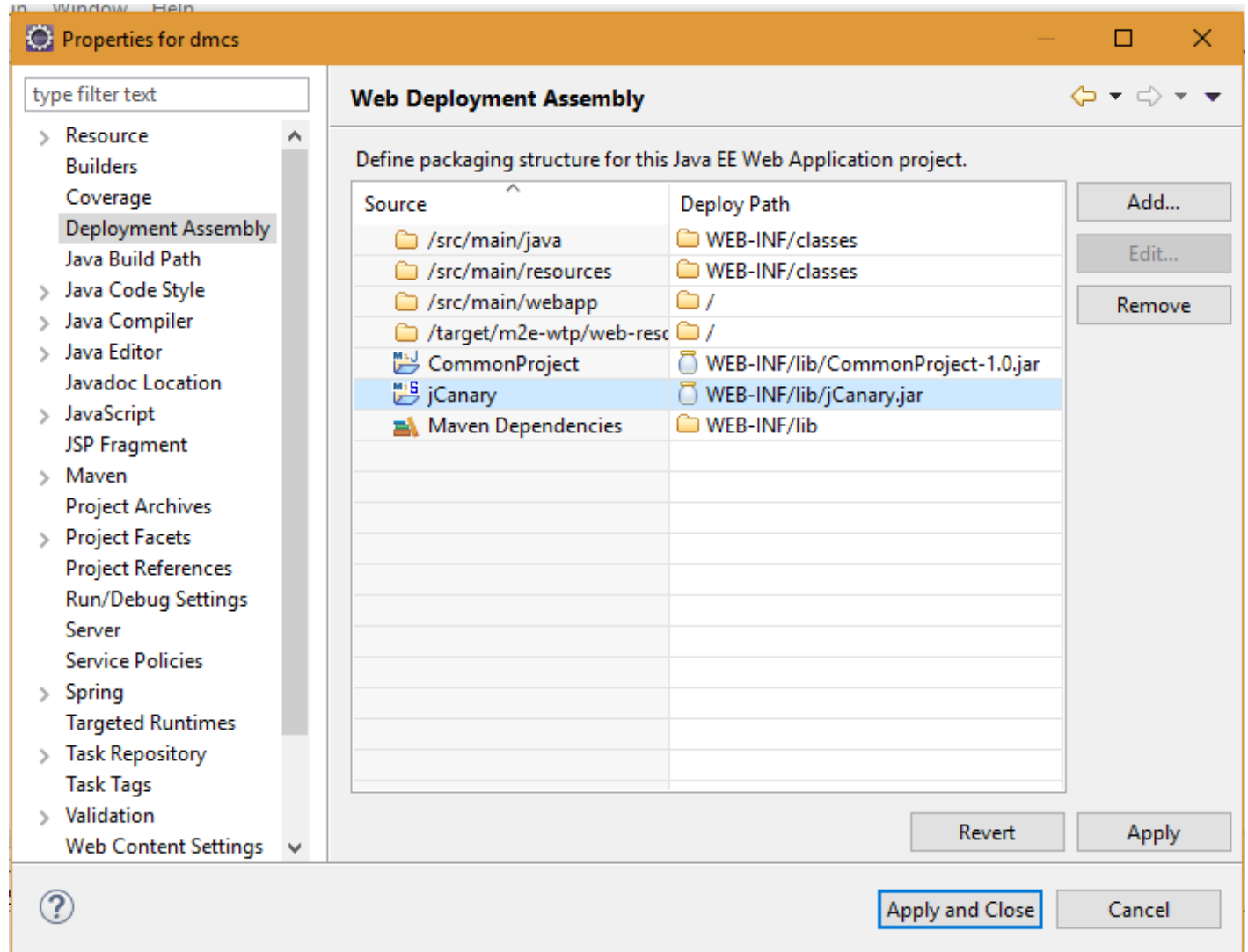
Chọn tab **libraries**, edit **JRE System Library**, chọn **workspace default**. Làm tương tự cho 2 project còn lại



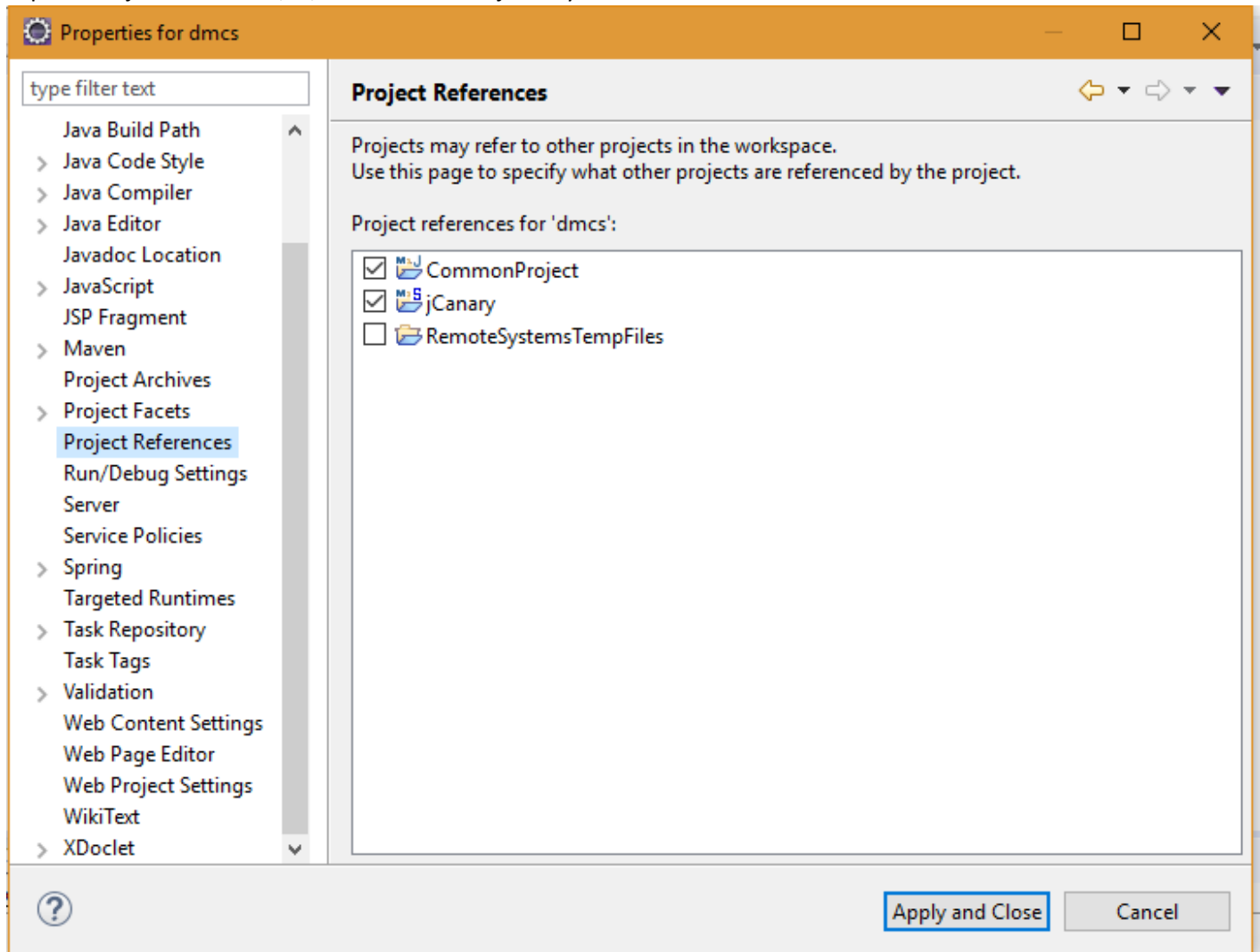
Right click vào project dmcs >> **properties** >> **Deployment Assembly**



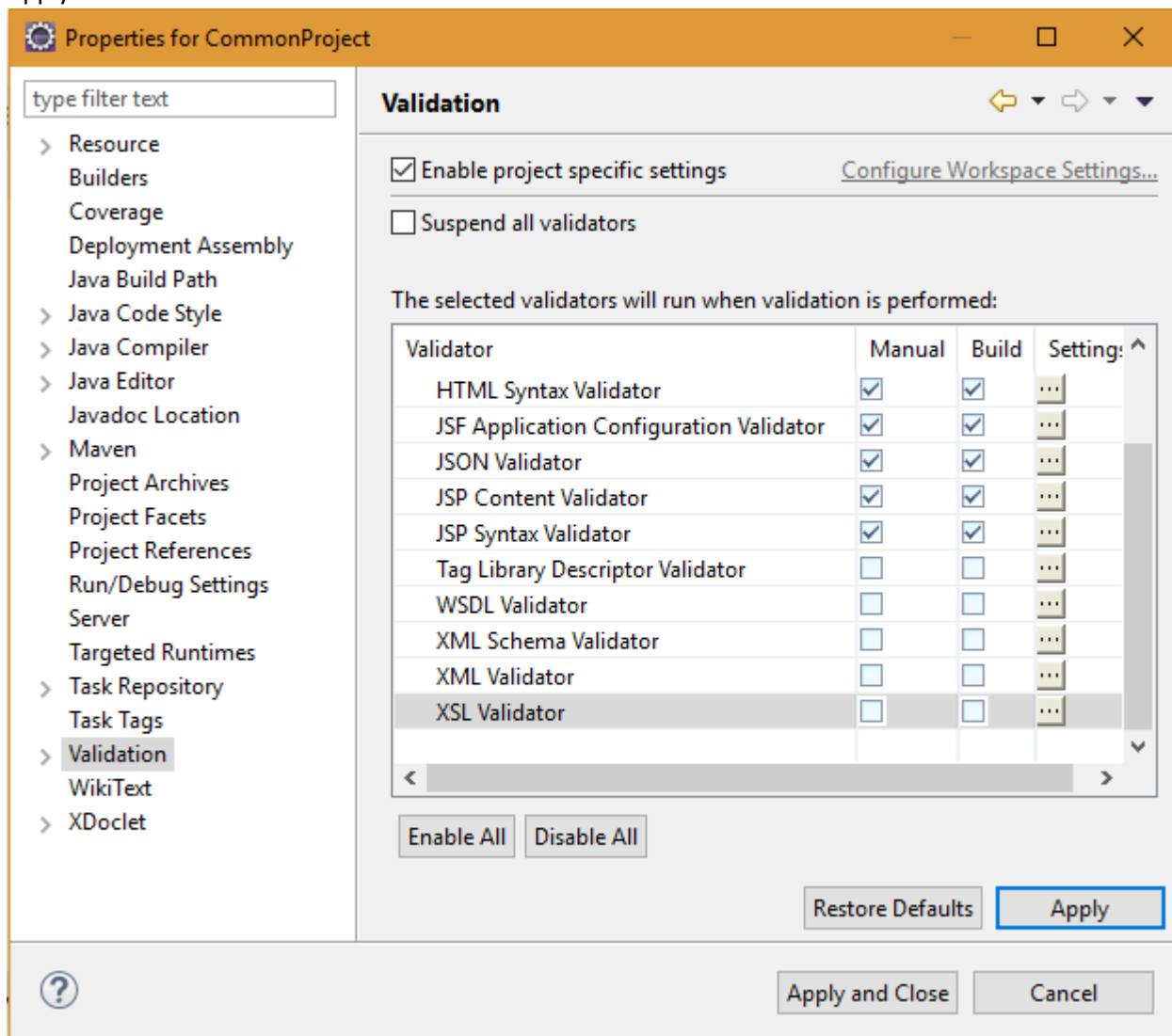
Click **Add >> Project >> Jcanary**. Sau khi add xong, bạn nhớ rename lại thành jCanary.jar nhé



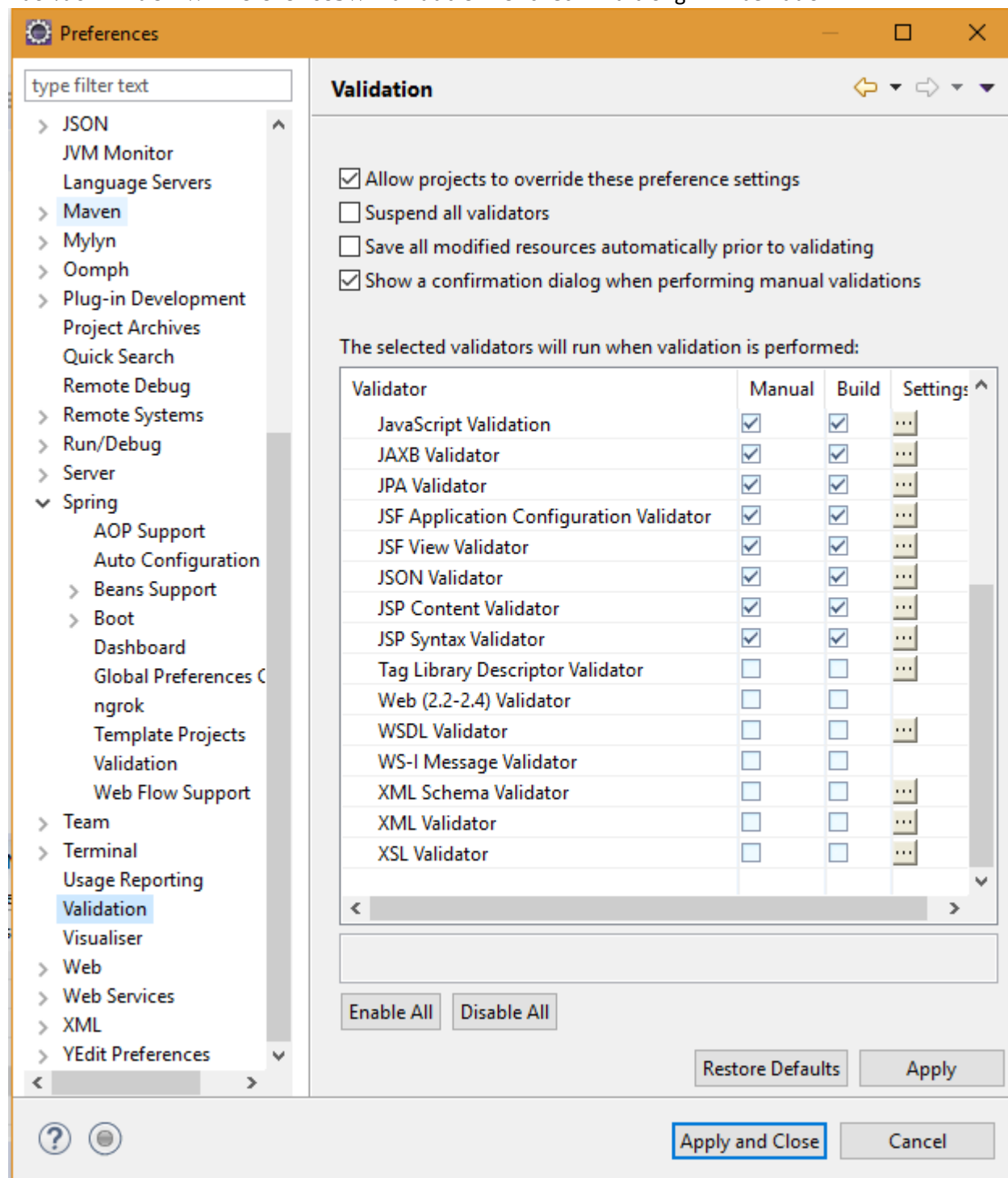
Ở phần Project Reference, bạn nhớ check vào jCanary nhé.



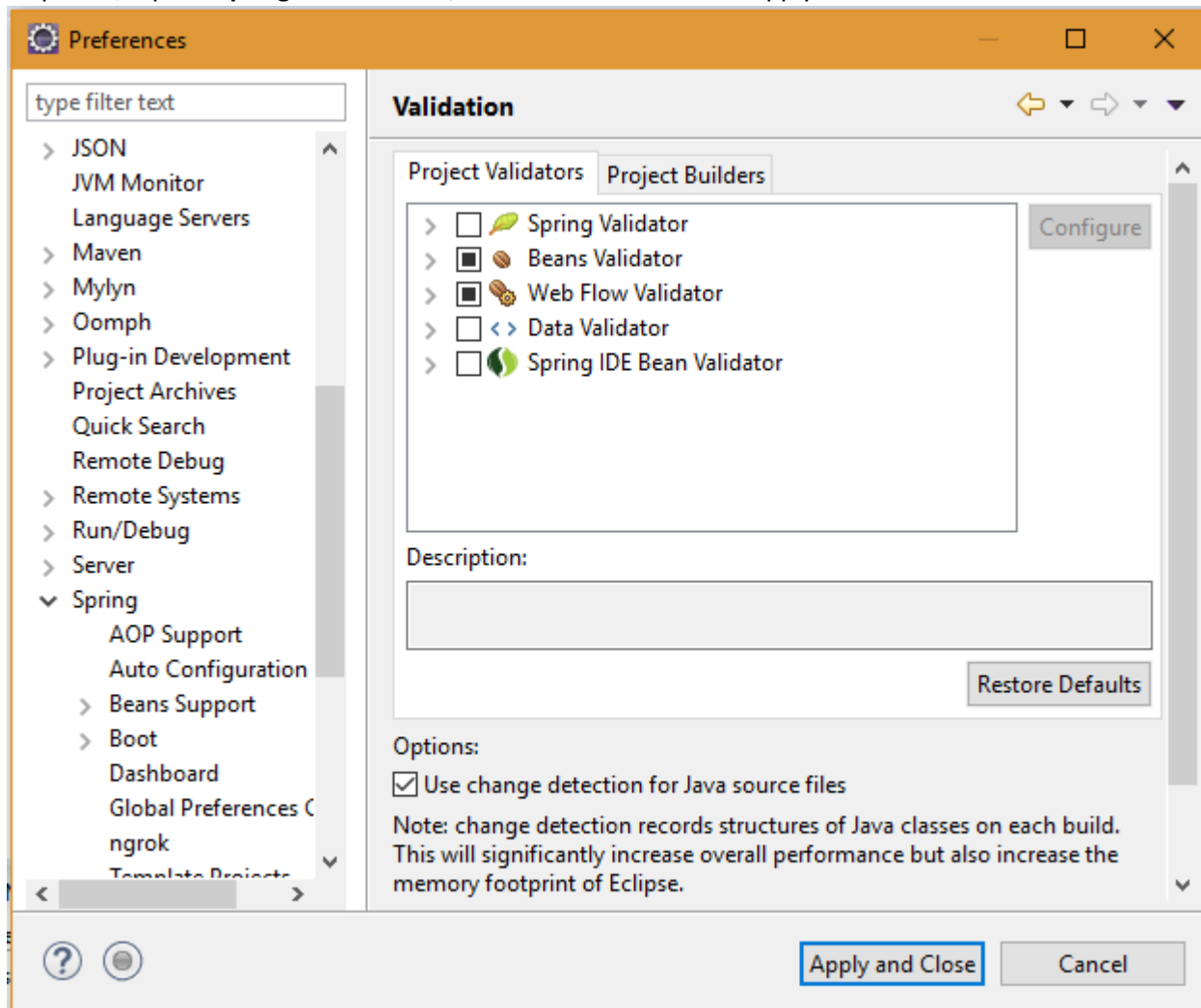
Ở phần Validation, bạn check vào Enable project specific settings và uncheck 5 dòng dưới cùng (như trong hình).
Apply and Close



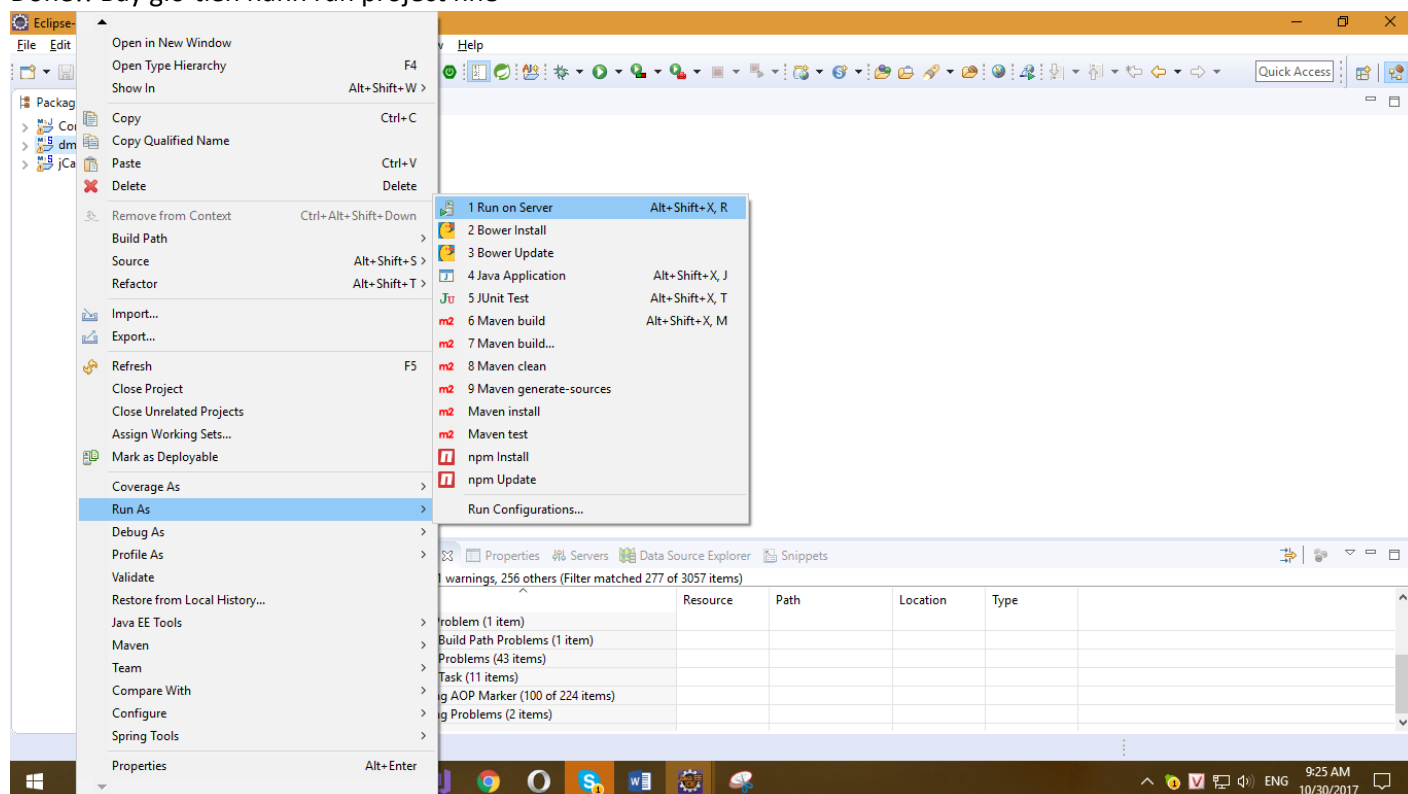
Vào vào **Window** >> **Preferences** >> **Validation**. Uncheck như trong hình bên dưới



Tiếp theo, ở phần **Spring >> Validation**, uncheck **Data Validator**. Apply and Close



Để tiện cho việc build project, bạn vào **Window >> Web Browser** và chọn lấy một trình duyệt nào đó để build nhé Done!! Bây giờ tiến hành run project nhé



Yeah! Vậy là bạn đã có 1 project hoàn chỉnh rồi nhé 😊

