PMT Project

Setup and Configuration document

1.0

Designed by

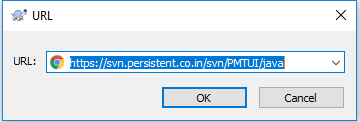
Vipul Nalgirkar

* **Pre-Requisite Applications Name:**

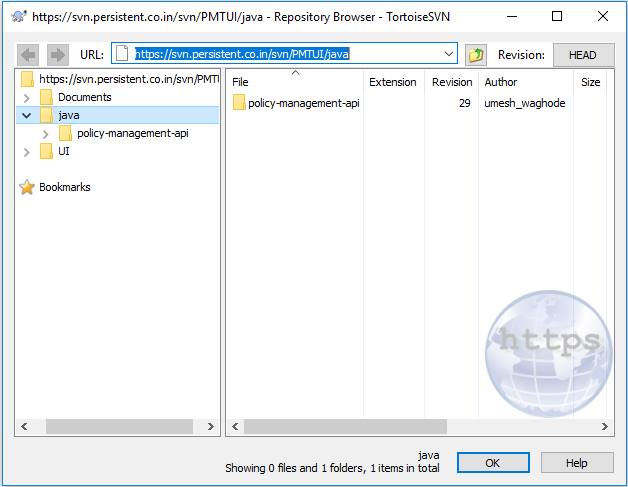
1. Eclipse luna
2. Tomcat 8.0
3. Tortoise SVN client
4. Sql Developer
5. Postman
6. Mobaxterm/putty
7. Java (JDK 1.7)

* **Steps:**
* **SVN:**

1. Install Tortoise SVN client > click on windows Start button> type “Tortoise SVN Repository browser”



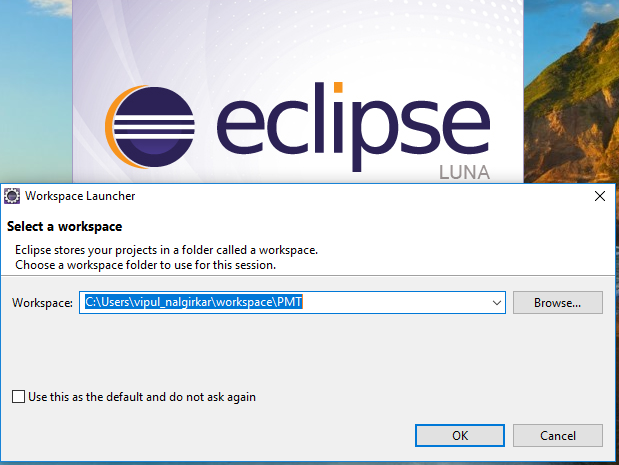
1. Enter URL: <https://svn.persistent.co.in/svn/PMTUI>> Enter Domain credential



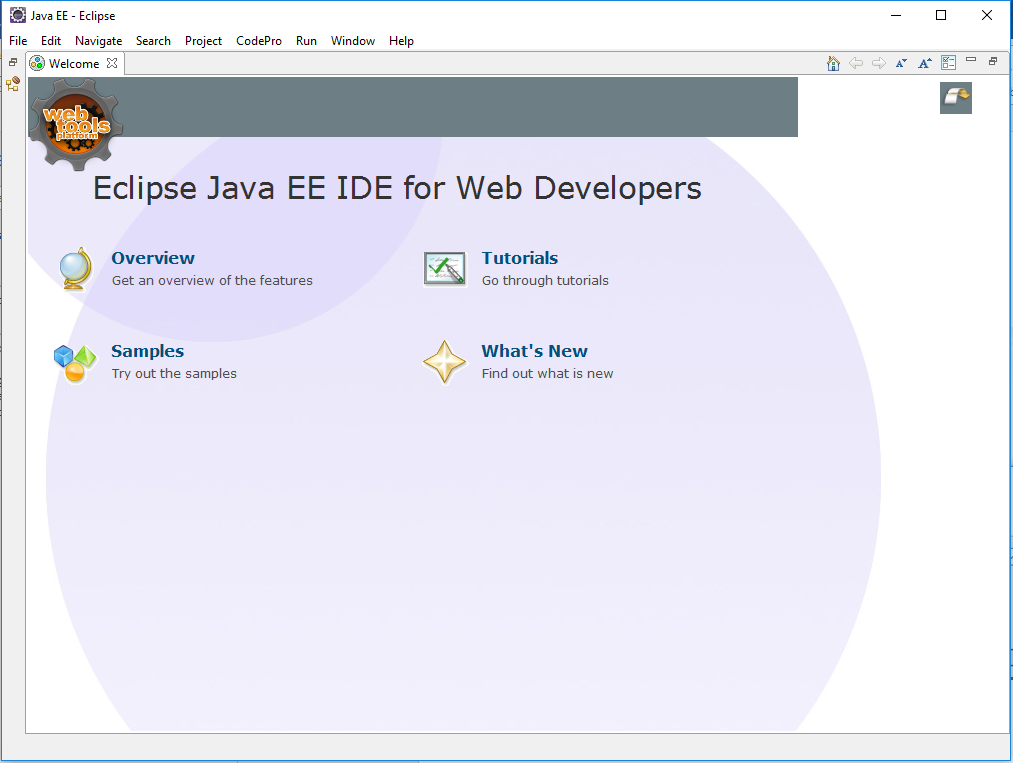
1. Checkout folder ”Java” on your local machine.

* **Eclipse luna import code process:**

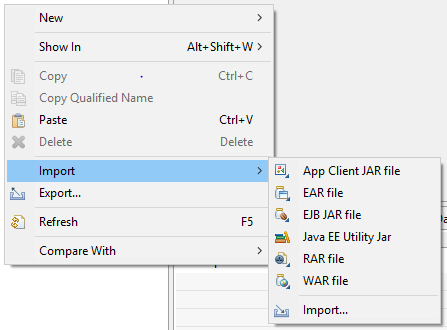
1. Lunch Eclipse luna



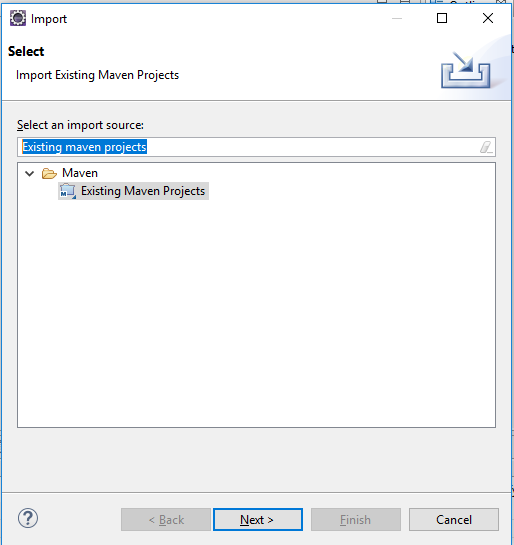
1. Set the Workspace location> click ok.



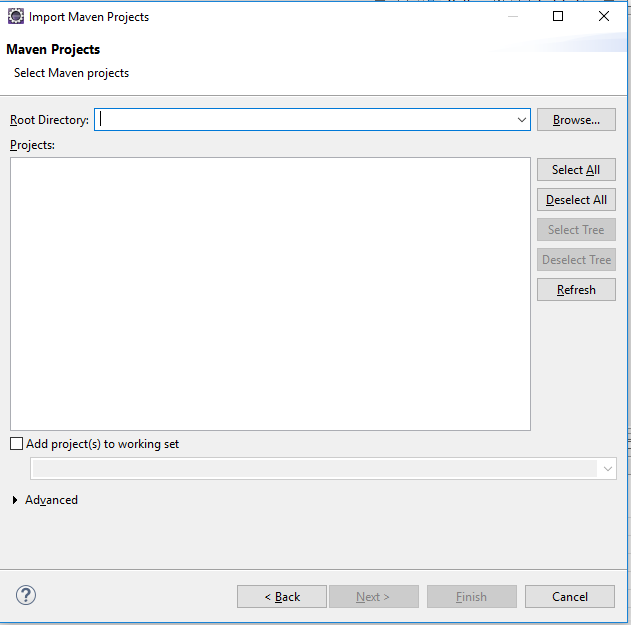
1. Close the welcome page> Right click on “Project Explorer” in open space> click on Import> click Import



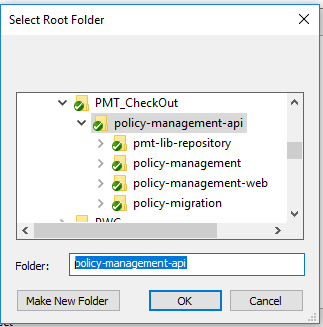
1. Enter in select an import source “Existing maven projects”.



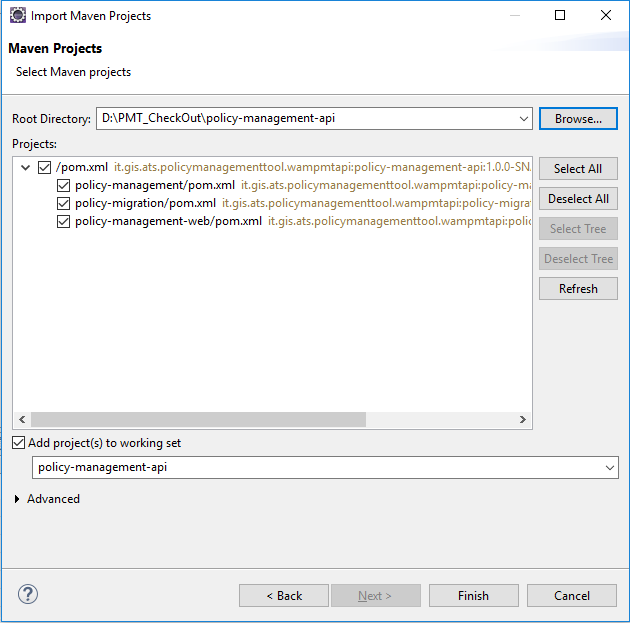
1. Select > Next



1. Browse checkout directory from SVN.

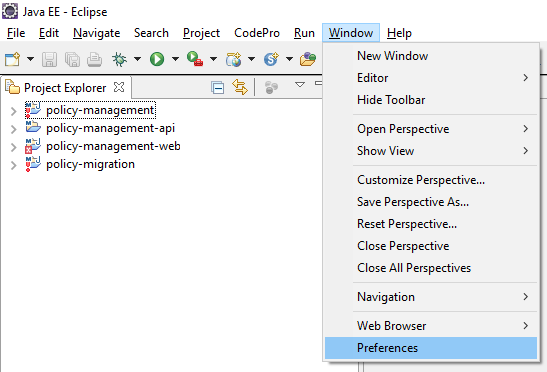


1. “policy-management-api” folder> ok>finish.

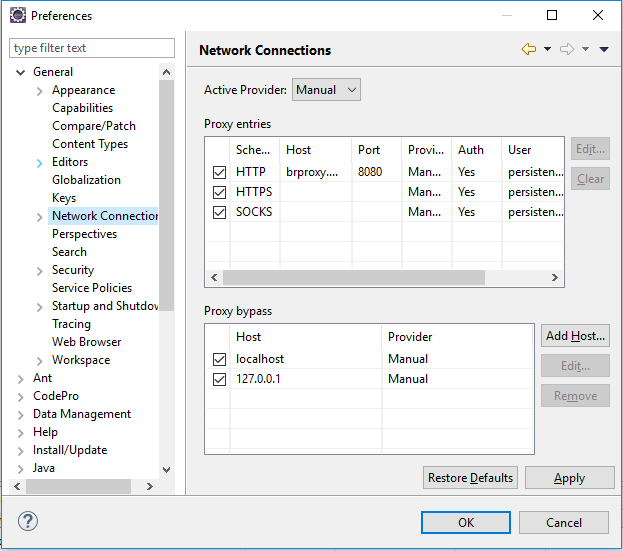


* **Eclipse Proxy Set process:**

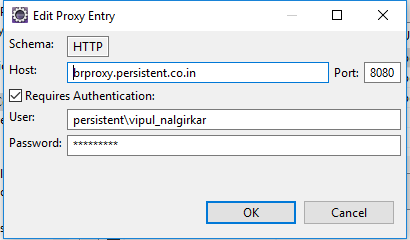
1. Click on windows> click on Preferences



1. Click on General>Network connection.

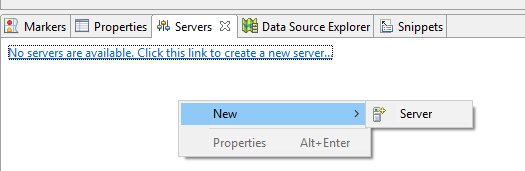


1. Edit HTTP,HTTPS and SOCKS as per location and enter domain credential >apply ok.

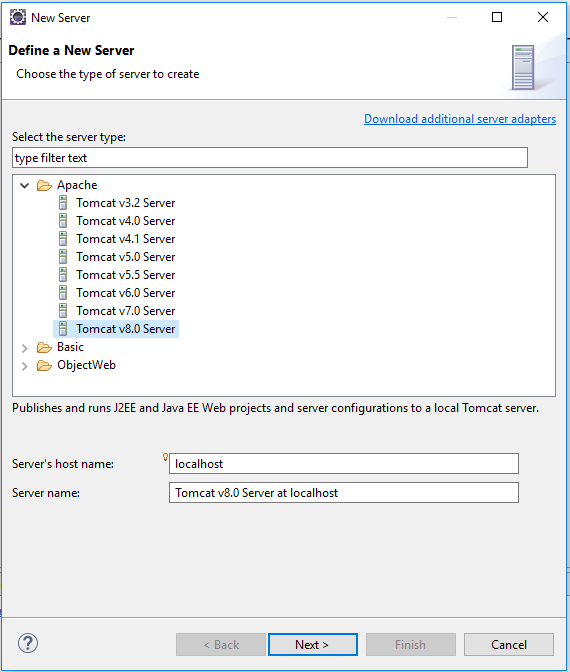


* **Tomcat adding in to Eclipse process:**

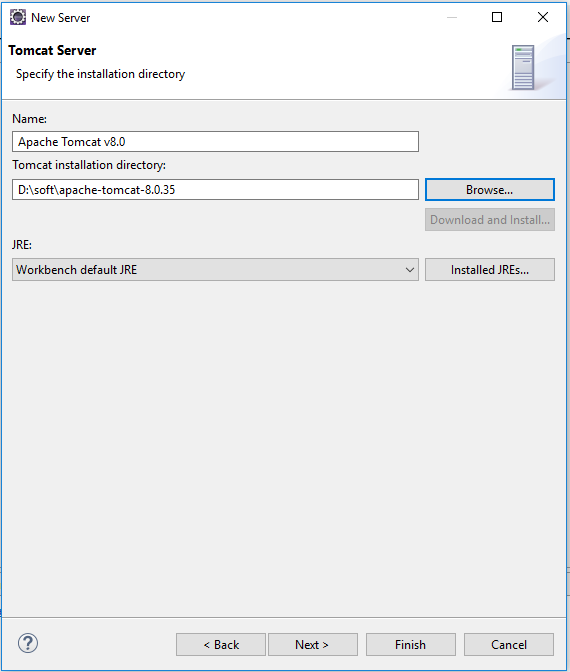
1. Right Click on server Tab > new > Server



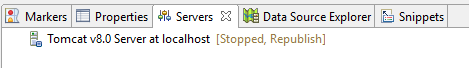
1. Select Apache > Tomcat v8.0 Server



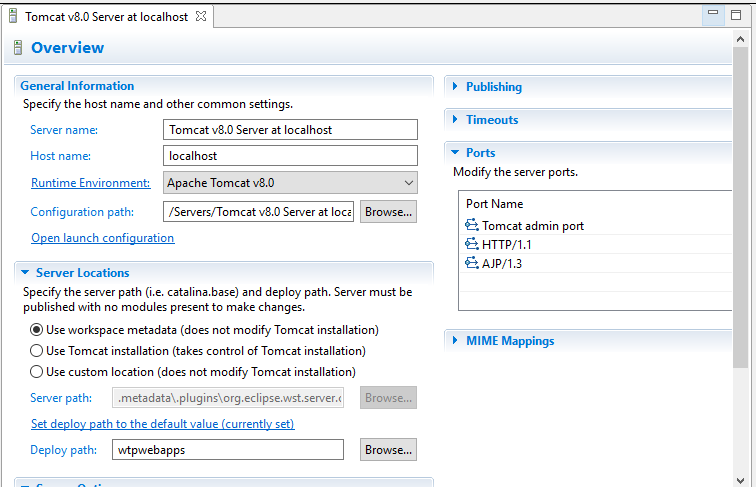
1. Click on next button.



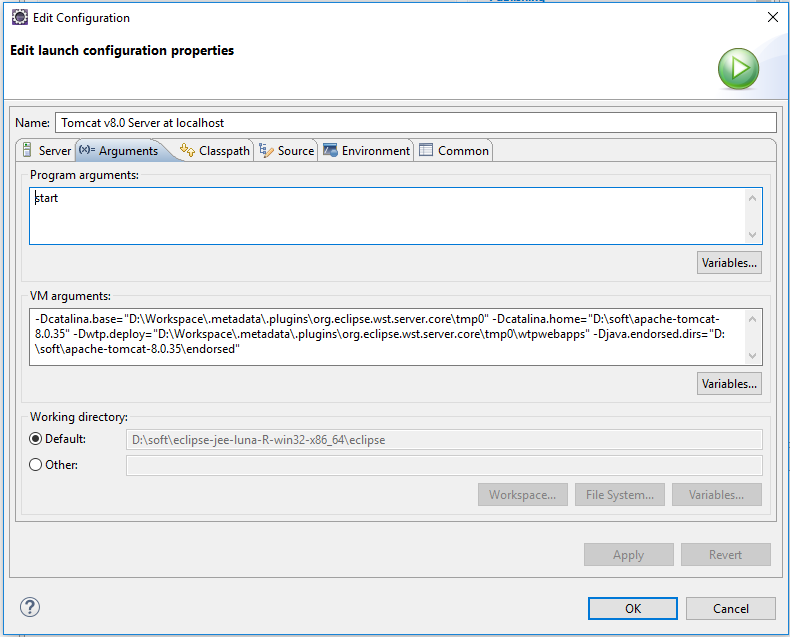
1. Browse the installed/copied Tomacat location > Finish.



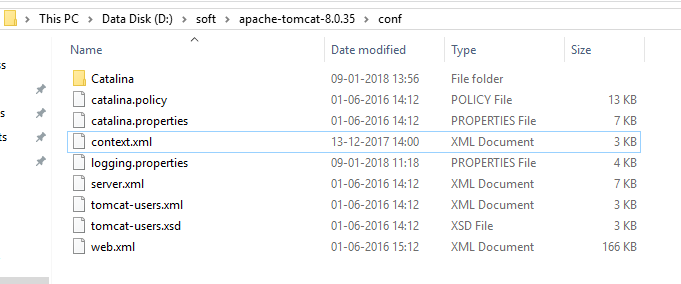
1. Double click on Tomcat v8.0



1. General Information Widget > click on open launch Configuration> select argument Tab.



1. Add “-Dcisco.life=dev” to VM argument click ok.
2. Go to installed/copied Tomacat location



1. Edit “context.xml” file and add below content to it.

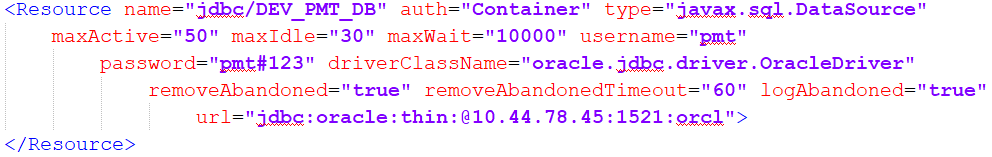
[<Resource name="jdbc/DEV\_PMT\_DB" auth="Container" type="javax.sql.DataSource"

                maxActive="50" maxIdle="30" maxWait="10000" username="pmt"

                password="pmt#123" driverClassName="oracle.jdbc.driver.OracleDriver"

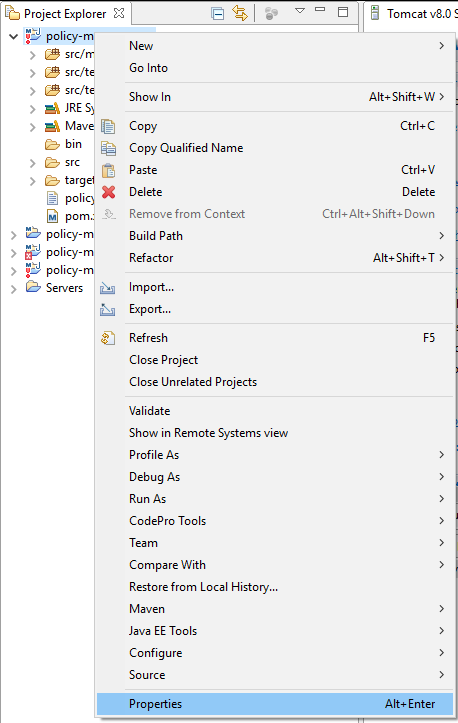
  removeAbandoned="true" removeAbandonedTimeout="60" logAbandoned="true"

                 url="jdbc:oracle:thin:@10.44.78.45:1521:orcl"> </Resource>] > save and close.

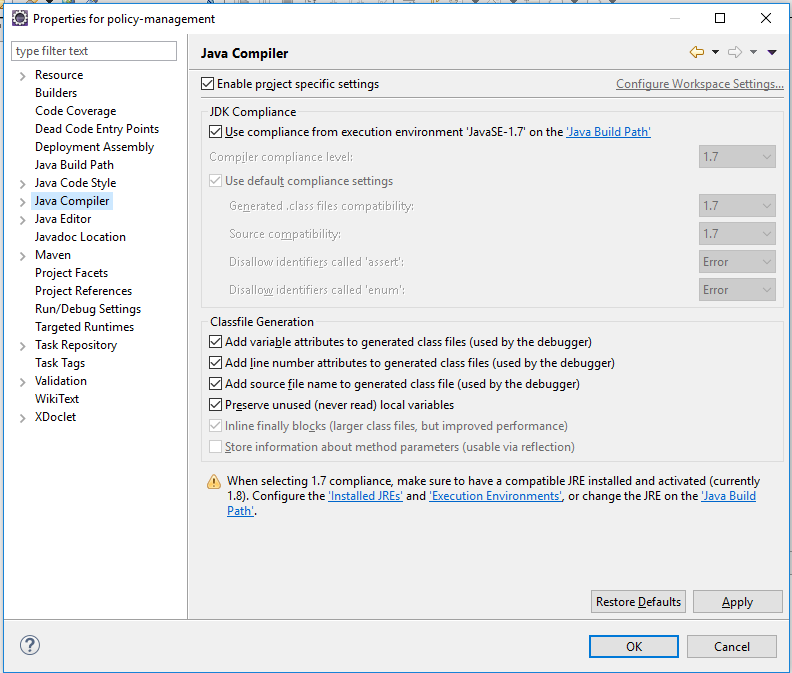


* **PMT WebApp build and deploy Confuguration:**

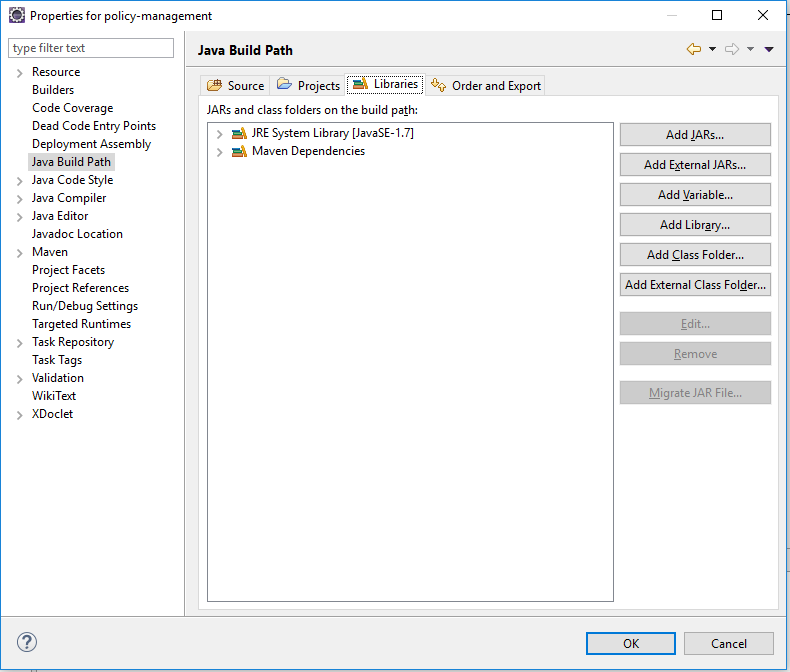
1. Right click on “policy-management” > properties



1. Click on “java Compiler” > java build path

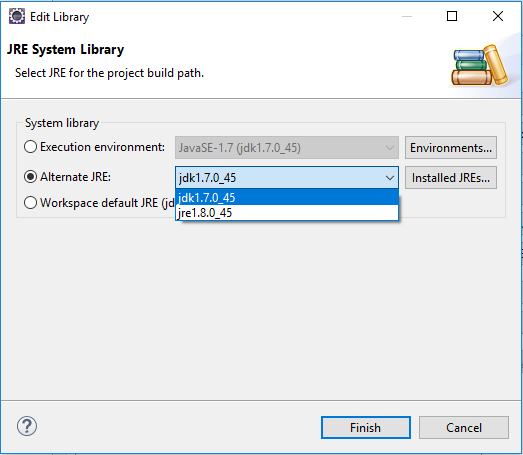


1. If System Library apart from 1.7 then Double click on JRE System Library



1. Select option box “Alternate JRE” and set “jdk 1.7” > Finish> ok, and do same process to other three component.

* policy-migration
* policy-management-web
* policy-management-api



1. In below sequence we have to build :

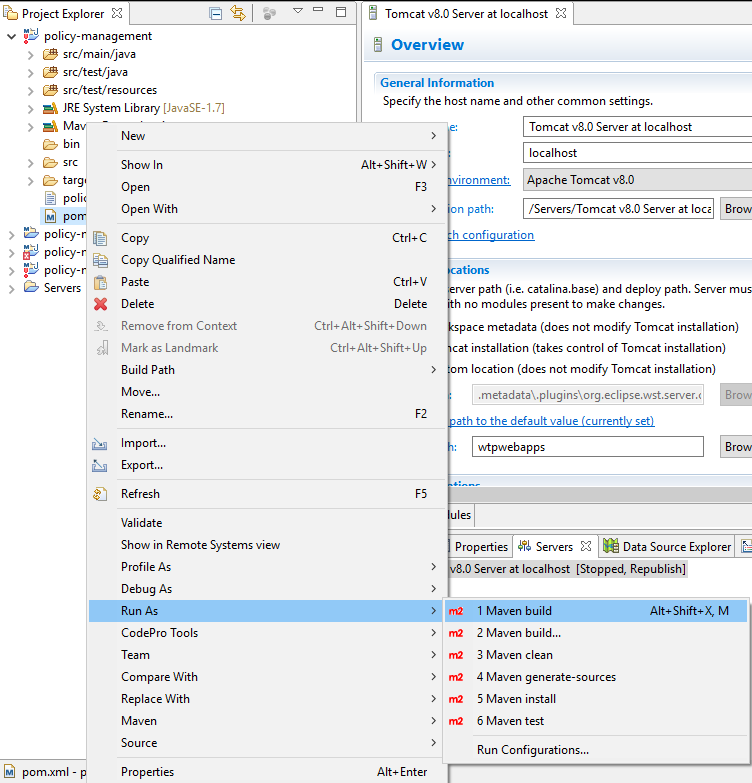
* policy-management
* policy-migration
* policy-management-web

If fail, then build “policy-management-api” and Try the same.

1. Right click on “policy-management” > Maven> update project do same for all three.

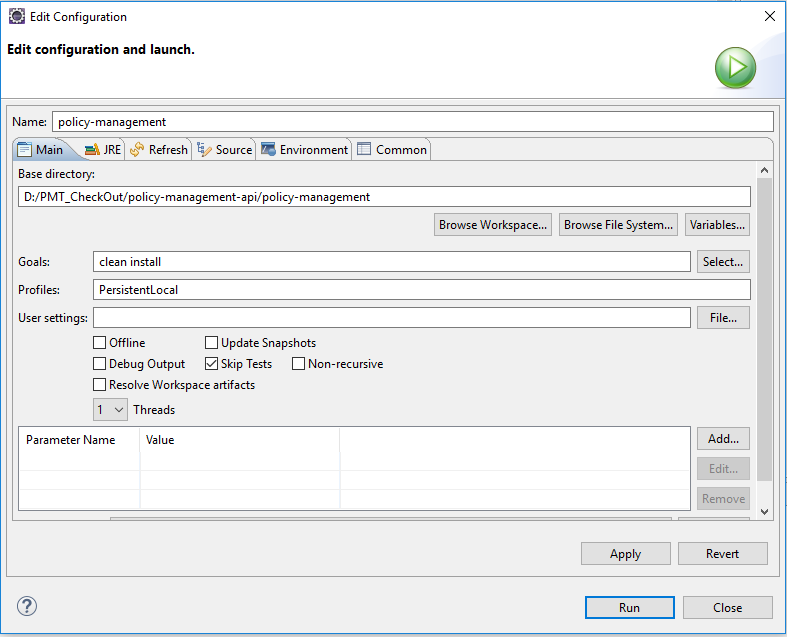
* policy-migration
* policy-management-web
* policy-management-api

1. Right click on “policy-management” pom.xml > run >Maven build



1. Filed the value as below:

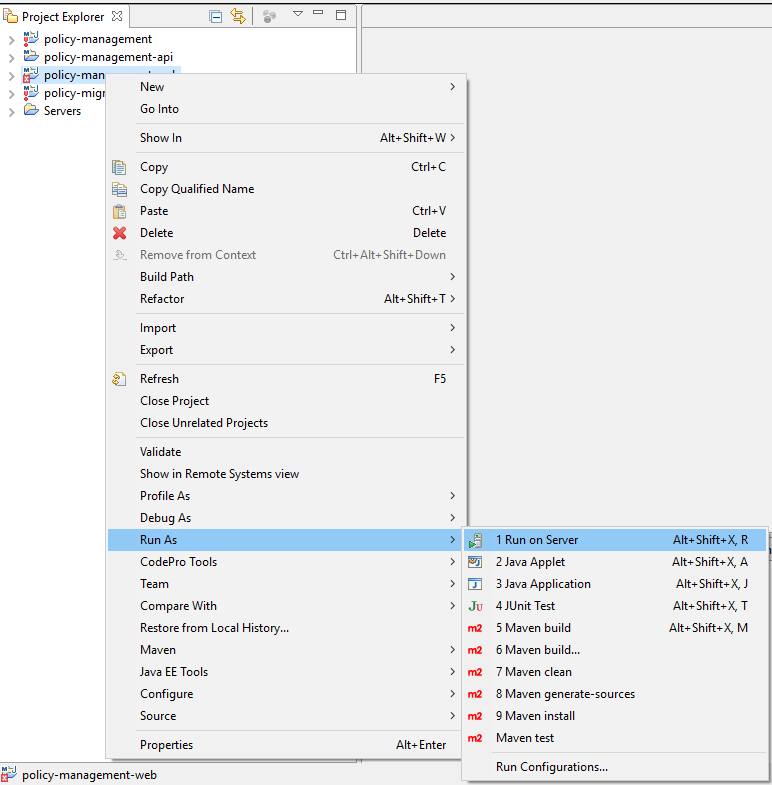
* Goals: clean install
* Profiles:PersistentLocal
* Check the checkbox : Skip Tests



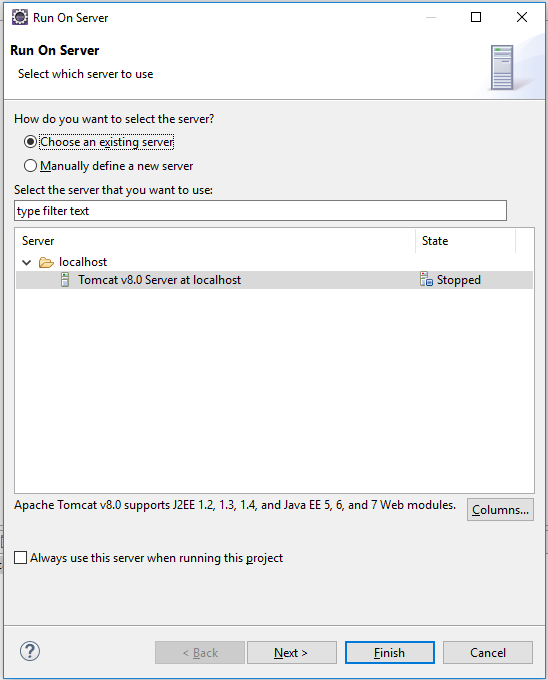
1. Click on run and do the same steps for other three component.

* policy-migration
* policy-management-web
* policy-management-api

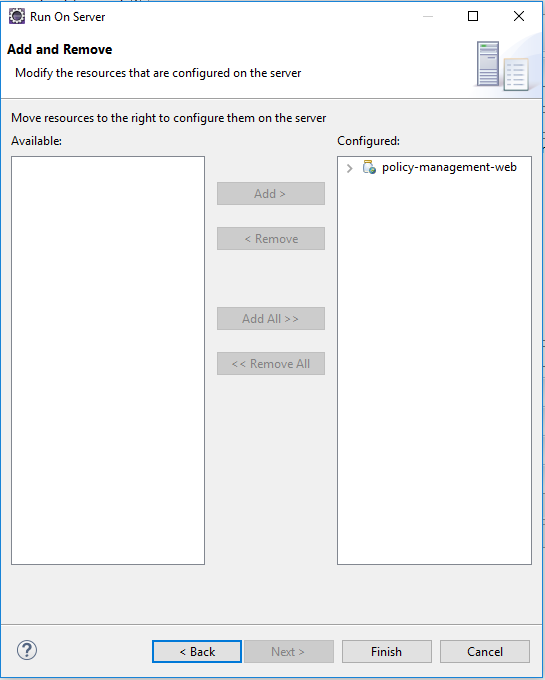
1. Right click on “policy-management-web” webapp >Run As > Run on Server.



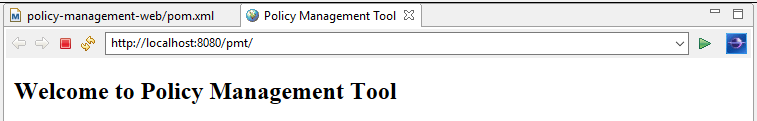
1. Click on next



1. Select “policy management-web” > add> Finish.

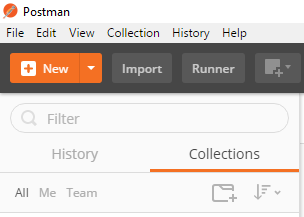


1. After successful deployment we will get below page:



* **Adding collection to the postman:**

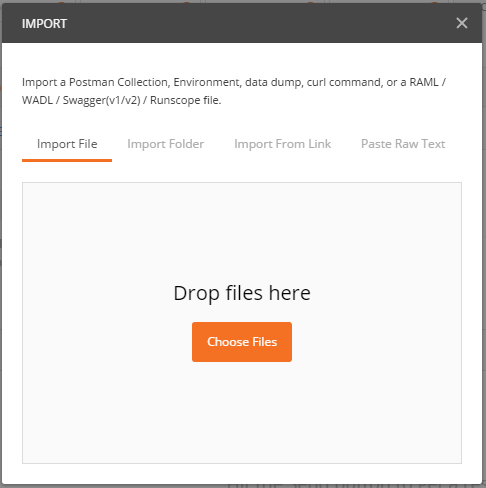
1. Launch the postman >click on collections Tab



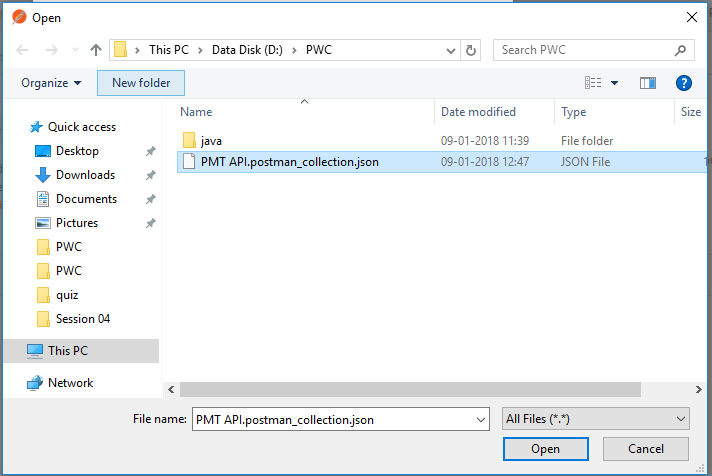
1. Save below json file to your local machine:



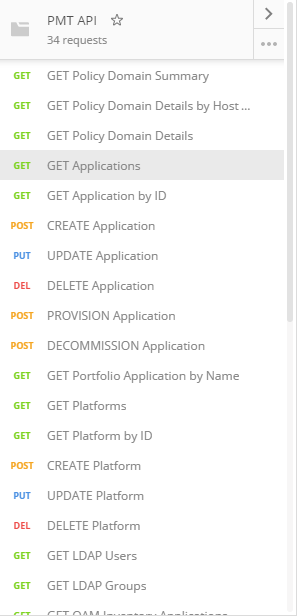
1. Click on Import > choose files



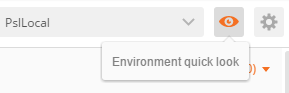
1. Browse the “PMT API.postman\_collection.json” file >open.



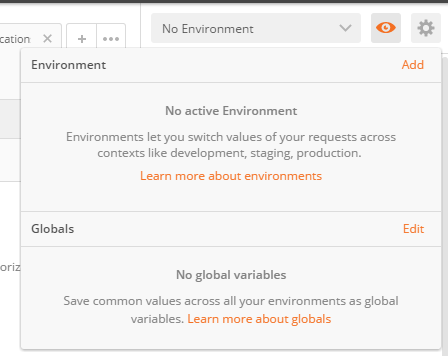
1. You will get below collection list



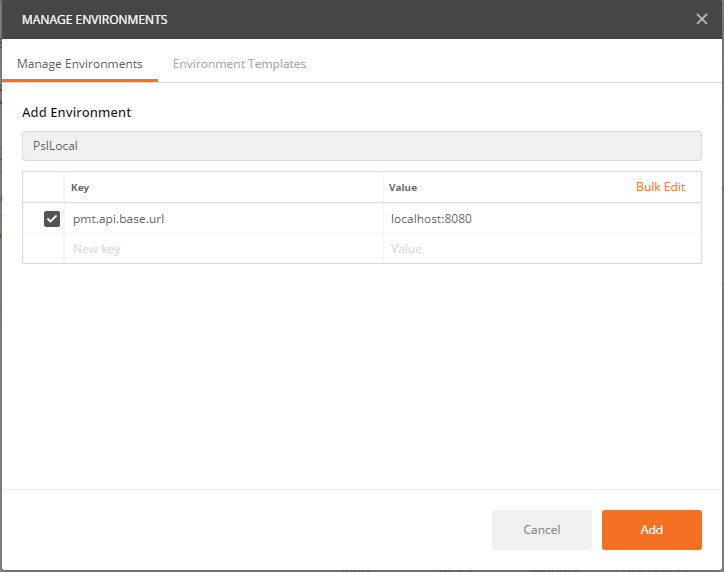
1. Click on Environmental Quick look.



1. Click on Emvironmental “add”



1. Give any name, For ex:Add Environment: “PslLocal”



Set key: pmt.api.base.url

Value: localhost:8080> click on “Add” button and close.

1. Select nay API. For Ex: Get Application
2. Update the Get URL

From {{pmt.api.base.url}}/applications/ to {{pmt.api.base.url}}/pmt/applications/

* For Ex: Adding Pmt in URL, “pmt” is my war name after build “policy-management-web” WebApp we will find “pmt.war” to this below location “policy-management-web\deliverable\dependencies\jbossews\webapps”.

1. Click on send, we will get below output.

