

Solution Configurator

Product Sys: <https://rapid.sap.com/sc/>

Test Sys(RJV): <https://spwdfvm1460.dmzwdf.sap.corp/sc>

Development Sys(RJX): <https://spwdfvm1358.dmzwdf.sap.corp/sc/>

Test Users: <https://wiki.wdf.sap.corp/wiki/display/saap/Test+Users>

Jenkins: <http://10.58.79.20:8080/jenkins/job/sc2%20rjx/>

Jira: <https://sapjira.wdf.sap.corp/secure/Dashboard.jspa>

Tools

Git download: <http://10.58.79.20/webteam/git/Git-1.7.9-preview20120201.exe>

Eclipse IDE distribution: <http://10.58.79.20/webteam/dev.zip>

Git guide: <http://10.58.79.20/webteam/git/Pro Git in Chinese.pdf>

Source code

Solution configurator: https://projectportal.wdf.sap.corp/projects/solution_experience

Rdc-tools for UI5: <https://projectportal.wdf.sap.corp/projects/rdc-tools>

UI5

SDK: <http://veui5infra.dhcp.wdf.sap.corp:8080/demokit/#content/Overview.html>

Wiki: <http://vesapui5.dhcp.wdf.sap.corp:1080/trac/sapui5/wiki>

Community: <https://community.wdf.sap.corp/groups/phoenix/content?itemView=detail>

Libraries

Underscore: <http://underscorejs.org/>

Backbone: <http://backbonejs.org/>

QUnit: <http://qunitjs.com/>

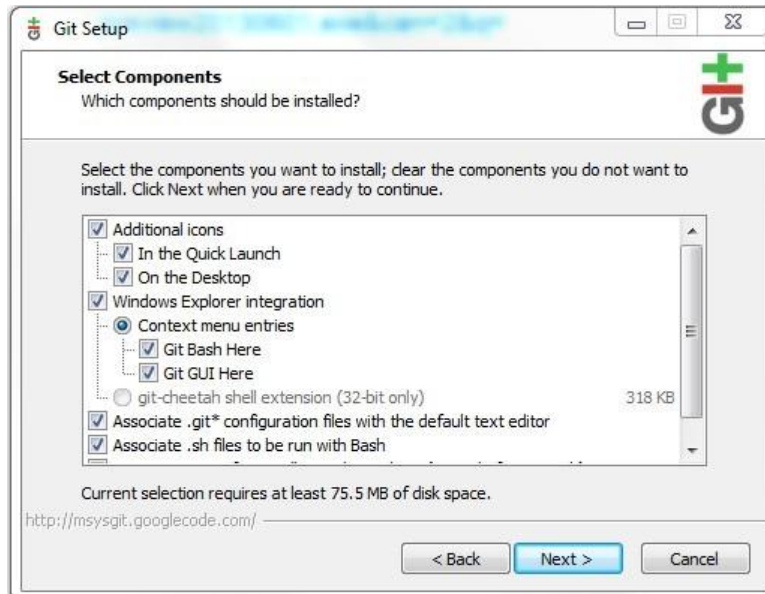
Sinon: <http://sinonjs.org/>

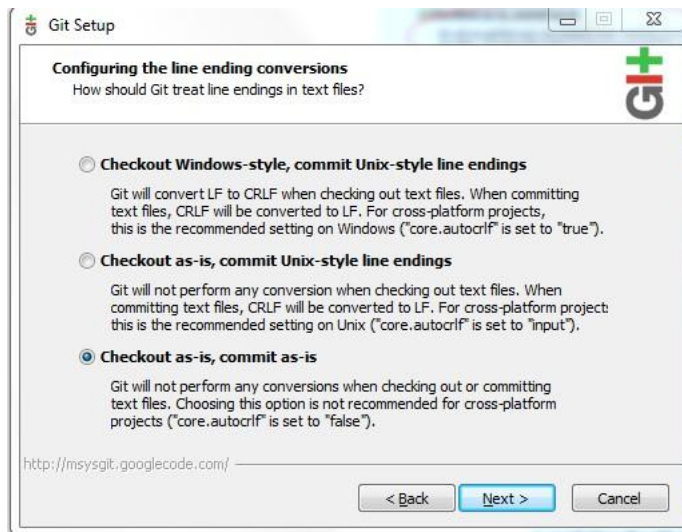
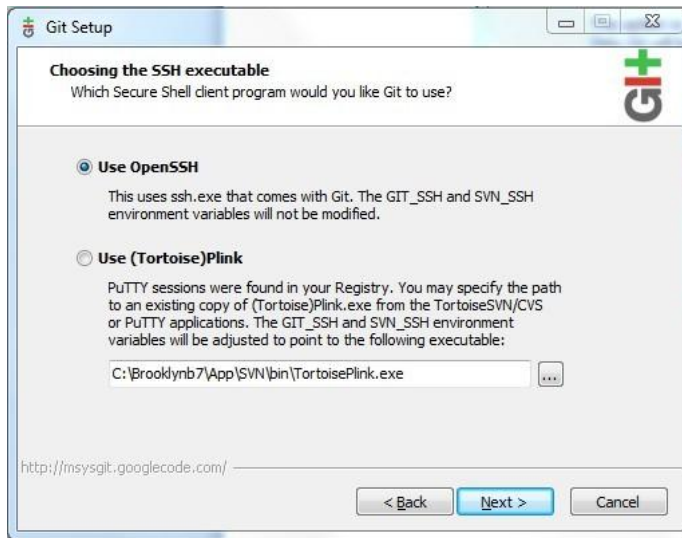
RDC reference

Eclipse+Maven+EGit: <https://wiki.wdf.sap.corp/wiki/display/saap/Eclipse+IDE+Distribution+for+SAaP+Web+Experience+Frontend+Developers>

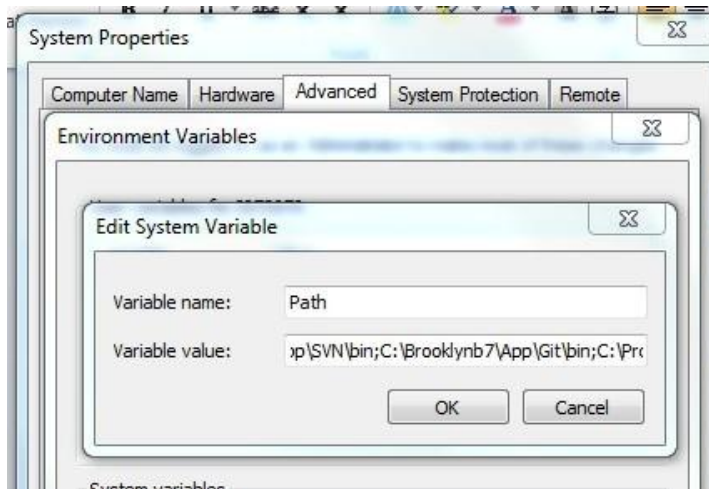
Git Installation Steps

1. Download the Git : <http://10.58.79.20/webteam/git/Git-1.7.9-preview20120201.exe>
2. Install as follow:





3. Set the environment variables after installation:



4. Open git bash, set Git config user name and email

```
git config --global user.name yourname
```

```
git config --global user.email youremail@xxx.xxx
```

5. Set proxy

```
git config http.proxy http://proxy.tyo.sap.corp:8080
```

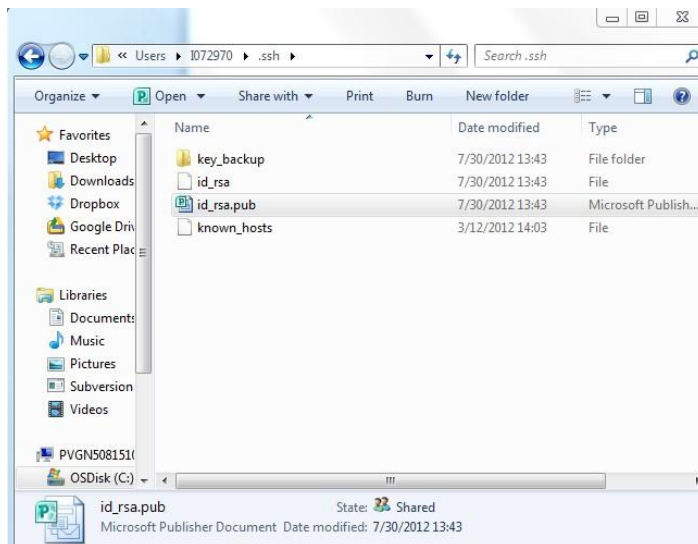
```
git config https.proxy http://proxy.tyo.sap.corp:8080
```

6. Tell the scrum master(wang jisi) about your user id, he will add you into our projects.

7. After Step 6, open git bash and create your rsa key as follow:

```
ssh-keygen.exe -C "your@email.address" -t rsa
```

Then you will get this key in C:\Users\I072970\.ssh\id_rsa.pub:



8. Open id_rsa.pub in text editor and copy the key:

```
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQgQCzK8gkywtDrn+xscl+KLJ/OFUUIBE
K7/MLlp24goAe8JWRbvKs9gQuijmNRju2xQr5siZKf4R0zUw7yxtZ8df/Z4sN+YctGXWnYfaw7bNh
uQxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
```

9. Go to the gerrit web site: <https://git.wdf.sap.corp:8080/#/settings/>, and log in by your user id.



10. Select SSH Public Keys in the left side bar and paste the rsa key in the box,

AllMyProjectsGroupsDocumentation

Brooklyn Huang <brooklyn.huang@sap.com>
Set

[Changes](#)
[Drafts](#)
[Watched Changes](#)
[Starred Changes](#)
[Draft Comments](#)

Change #, SHA-1, tr.id, owner:email or reviewer:email

Settings

[Profile](#)
[Preferences](#)
[Watched Projects](#)
[Contact Information](#)
[SSH Public Keys](#)
[HTTP Password](#)
[Identities](#)
[Groups](#)

| Status | Algorithm | Key | Comment |
|--------------------------|-----------|--|------------------------|
| <input type="checkbox"/> | ssh-rsa | AAAAB3NzaC1yc2EAAAADAQABAAQgQ...OZD+zYIQ== | brooklyn.huang@sap.com |
| Delete | | | |

Add SSH Public Key

([GitHub's Guide to SSH Keys](#))

```
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQgQCzK8gkywtDxn+xscl+KLJ/OfUUIBE
K7/MLlp24gcAe8JWRbvKs9gQujgmNRju2xQr5s1ZKf4R0zUw7yxtZ8df/Z4sN+YctGXWnYfaw7bNhuQxxx
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
```

ClearAddClose

11. Finished. Now you can clone source code from git.

Eclipse Installation Steps

1. Download the Eclipse IDE Distribution (**Dev.zip**) from <http://10.58.79.20/webteam/dev.zip>
2. Unzip the file to **C:** - after this step you should see **C:\Dev** (Win7: ignore the security warnings)
3. Copy **C:\Dev\settings.xml** to **C:\Users\<your user here>\.m2\settings.xml**

Attention: if the directory **C:\Users\<your user here>\.m2** does not exist you might **not** be able to create it from your Windows Explorer.

In such cases you can simply execute the following steps in the Command Line:

```
cd c:\Dev\apache-maven-3.0.5\bin
set JAVA_HOME=C:\Dev\java\jdk6
mvn -version
mvn
```

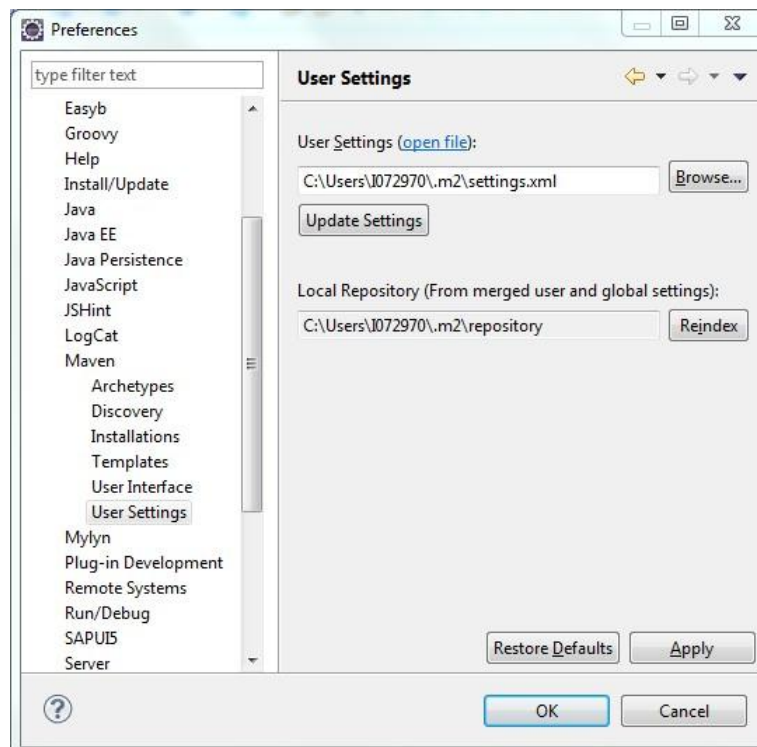
These 4 commands will make maven create **C:\Users\<your user here>\.m2** for you.

Afterwards you can copy the settings.xml file to **C:\Users\<your user here>\.m2\settings.xml**

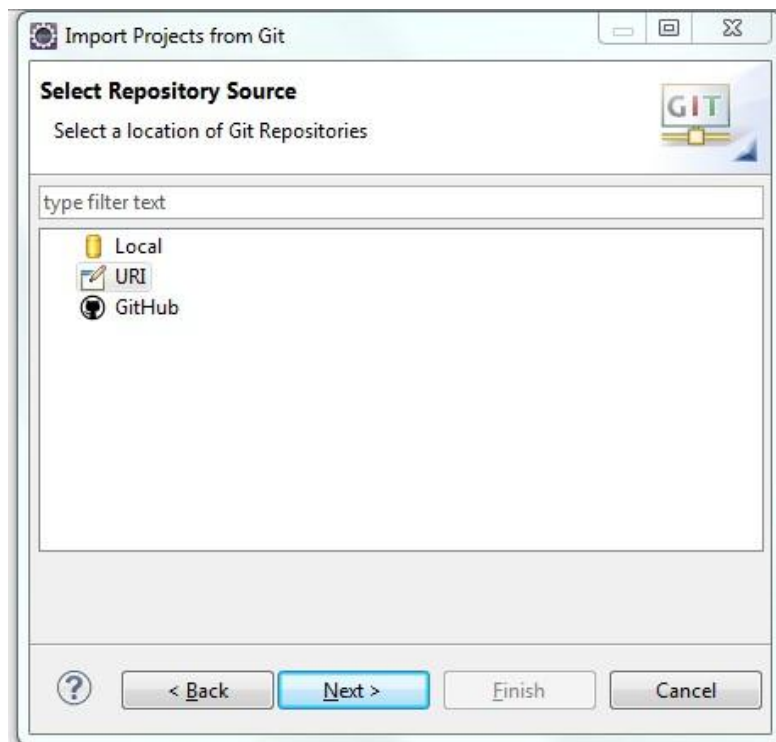
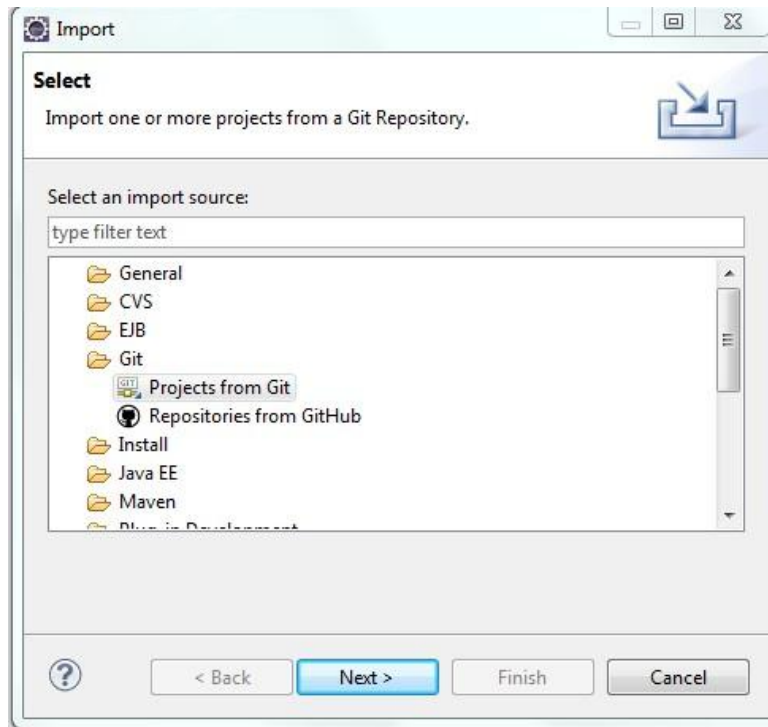
4. Double click on **C:\Dev\eclipse\eclipse.exe** (you should create a short cut to this file on your desktop)

Important: Wait until Eclipse has finished all its tasks during startup before going to the next step (check the "Progress" view)

5. Go to **Window > Preferences > Maven > User Settings** and make it as **C:\Users\<your user>\.m2\settings.xml**



6. Adding the rdc-tools repository and import the **sapui5** project:
 - a. Right-click on blank in the Project Explorer and choose **Import -> Git -> Projects from Git**
Git -> URI -> Next



- b. Paste the rdc tools repository **ssh://youruserid@git.wdf.sap.corp:29418/rdc/rdc-tools.git** in the URI and fill in the user id and password below.

Import Projects from Git

Source Git Repository
Enter the location of the source repository.

Location

URI:

Host:

Repository path:

Connection

Protocol:

Port:

Authentication

User:

Password:

Store in Secure Store ☐

- c. Go to next, keep the selected master option.

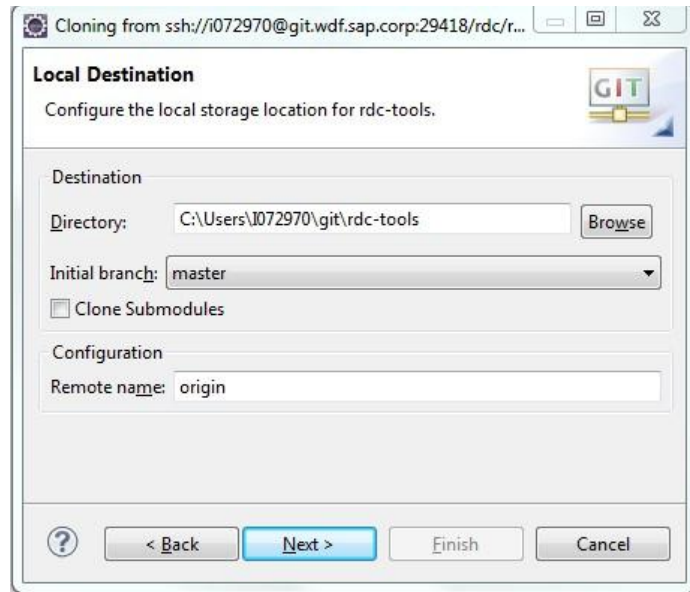
Cloning from ssh://i072970@git.wdf.sap.corp:29418/rdc/r...

Branch Selection
Select branches to clone from remote repository. Remote tracking branches will be created to track updates for these branches in the

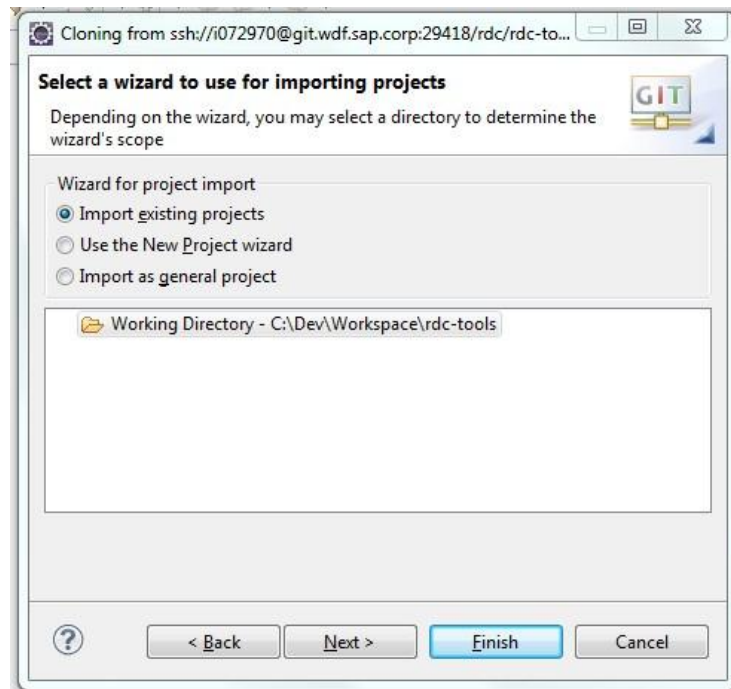
Branches of ssh://i072970@git.wdf.sap.corp:29418/rdc/rdc-tools.git:

☒ master

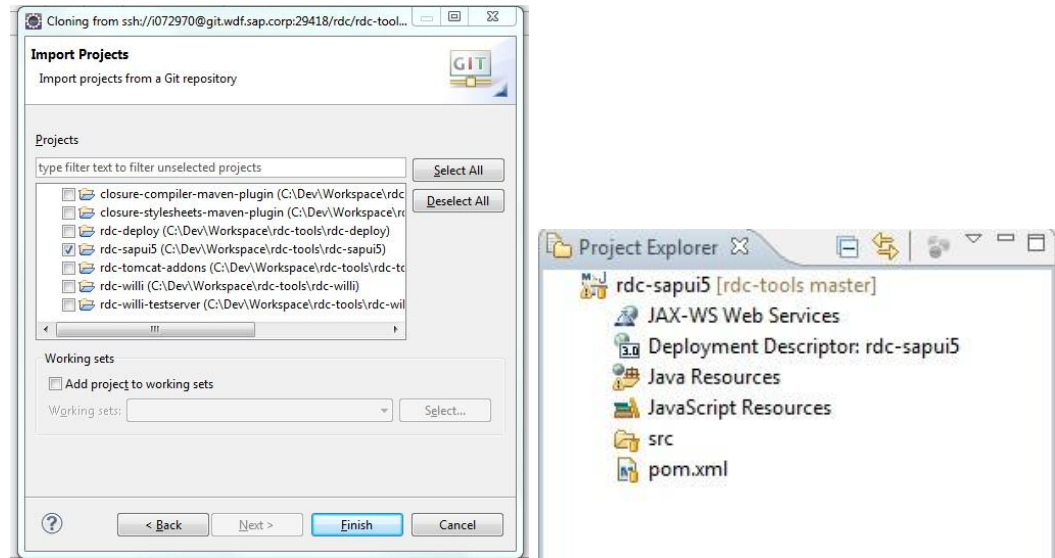
- d. Then next, chose the workspace to put the source code.



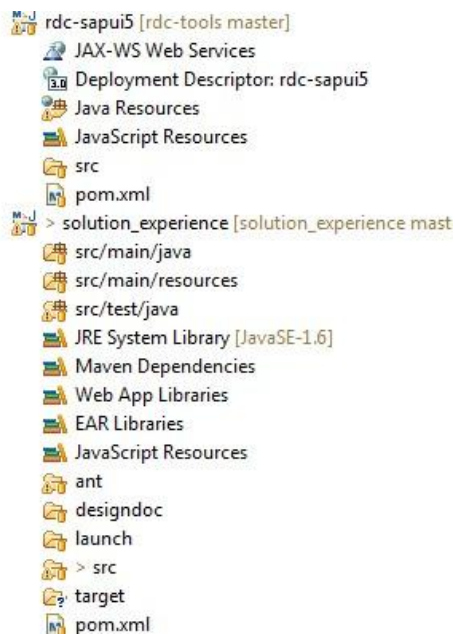
- e. After loading the repository, select **Import existing projects** -> **Next**



- f. Then only select rdc-sapui5 project and finish. And you will find the project in the Project Explorer.



7. Follow the same step as above to add the solution_experience repository and import the project, just notice that the repository URI is **ssh://youruserid@git.wdf.sap.corp:29418/RDC/solution_experience.git**, and select all branches and import the solution_experience project. At last you will see it in the Project Explorer.



Config Projects

1. right-click on **rdc-sapui5** in the Project Explorer and run "Maven" -> "Update Dependencies'...",
Run "Maven clean & install", right click the project, select "Refresh"
2. right-click on **rdc-sapui5** in the Project Explorer and choose Run as -> Maven clean, after maven
clean, choose Run as -> Maven install
3. In the "Project Explorer" select all available projects (including "Servers") and press F5 (= refresh).
Now wait until the refresh has finished.
4. **Deploy solution configurator on your local Tomcat:** right-click on the **solution_experience**
project and choose "Run As" -> "Run on Server" and select the preconfigured Tomcat
server. After Tomcat has started hit <http://localhost:8080/sc/> into your browser.