### 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>

### Build enviroment

Git download: <https://code.google.com/p/msysgit/downloads/detail?name=Git-1.8.3-preview20130601.exe&can=2&q=>

Eclipse IDE distribution: [\\10.58.79.20\webteam](file:///\\10.58.79.20\webteam\)

### 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/>

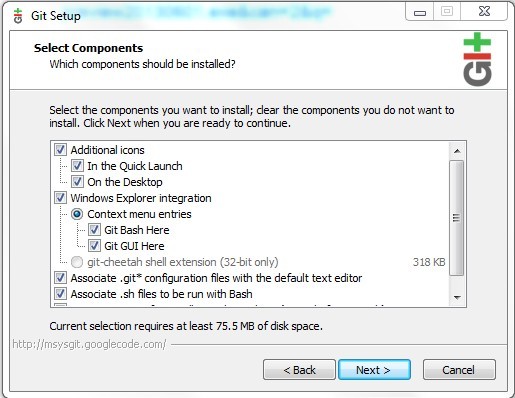
Sinon: <http://sinonjs.org/>

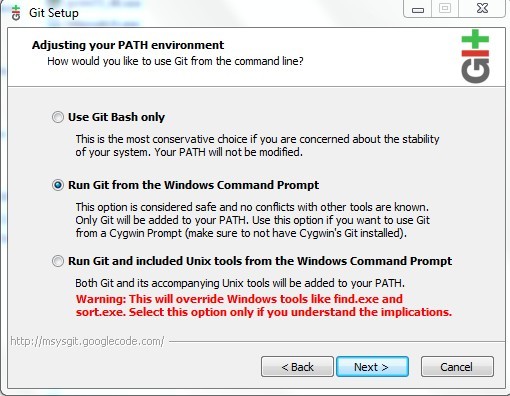
### RDC reference

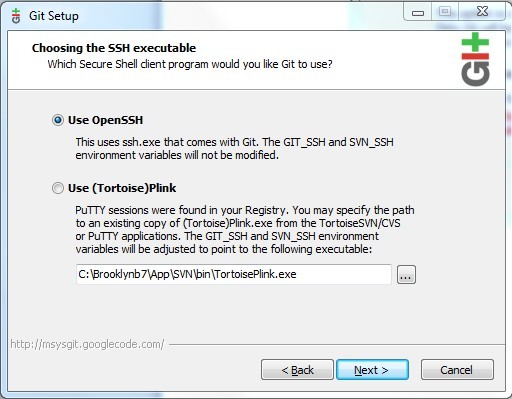
Eclipse+Maven+EGit: <https://wiki.wdf.sap.corp/wiki/display/saap/Eclipse+IDE+Distribution+for+SAaP+Web+Experience+Frontend+Developers>

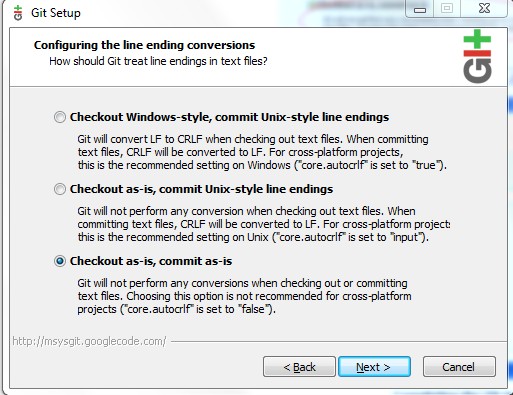
## Git Installation Steps

1. Download the Git : <https://code.google.com/p/msysgit/downloads/detail?name=Git-1.8.3-preview20130601.exe&can=2&q=>
2. Install as follow:

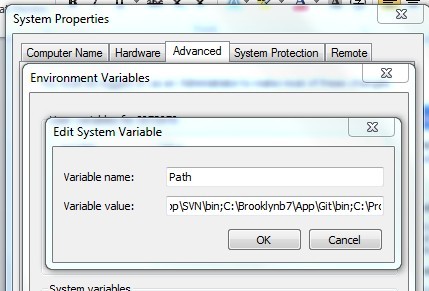








1. Set the environment variables after installation:



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

git config --global user.name yourname

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

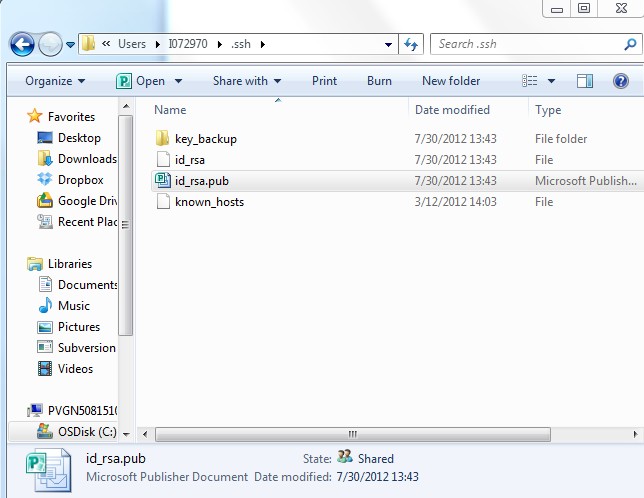
1. Set proxy

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

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

1. Tell the scrum master(wang jisi) about your user id, he will add you into our projects.
2. After Step 6, open git bash and create your rsa key as follow:

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

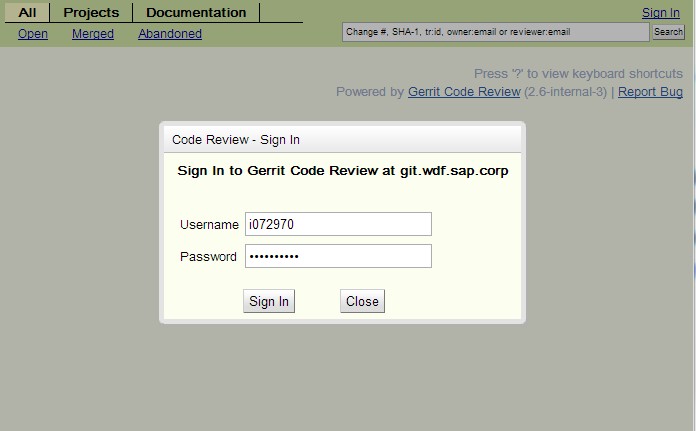
Then you will get this key in C:\Users\I072970\.ssh\id\_rsa.pub:

1. Open id\_rsa.pub in text editor and copy the key:

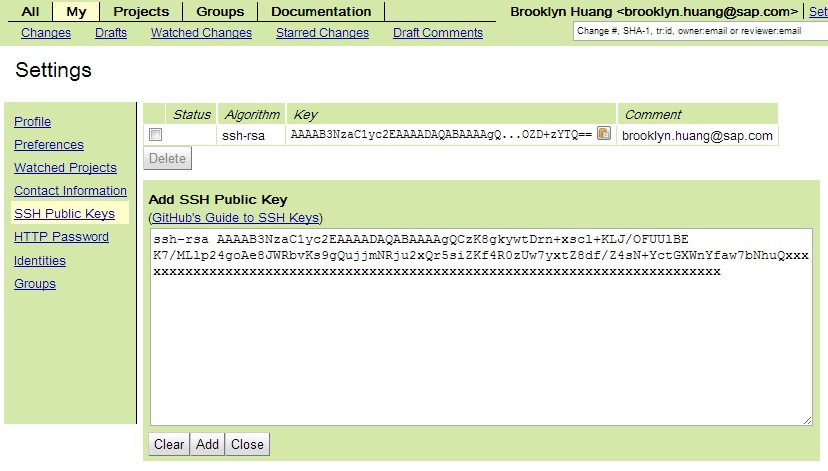
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAAAgQCzK8gkywtDrn+xscl+KLJ/OFUUlBE

K7/MLlp24goAe8JWRbvKs9gQujjmNRju2xQr5siZKf4R0zUw7yxtZ8df/Z4sN+YctGXWnYfaw7bNhuQxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

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



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



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

## Eclipse Installation Steps

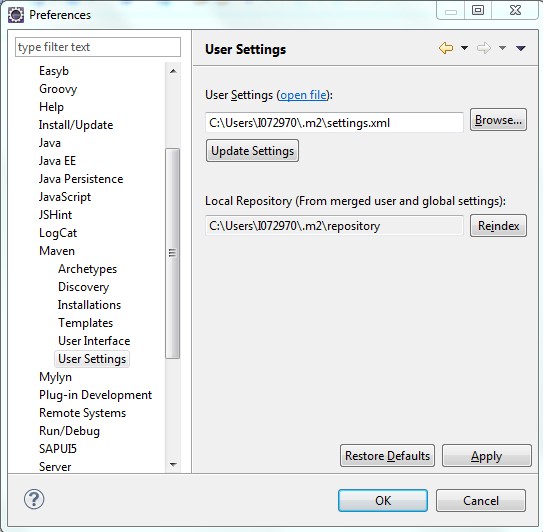
1. Download the Eclipse IDE Distribution (**Dev.zip**) from [\\10.58.79.20\webteam](file:///\\10.58.79.20\webteam\)
2. Unzip the file to **C:\ -** after this step you should see **C:\Dev** (Win7: ignore the security warnings)
3. Copy **C:\Dev\settings.xml** to **C:\Users\<your user here>\.m2\settings.xml**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

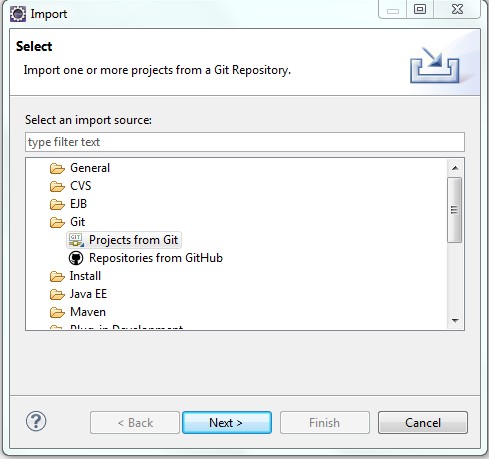
Afterwards you can copy the settings.xml file to **C:\Users\<your user here>\.m2\settings.xml**

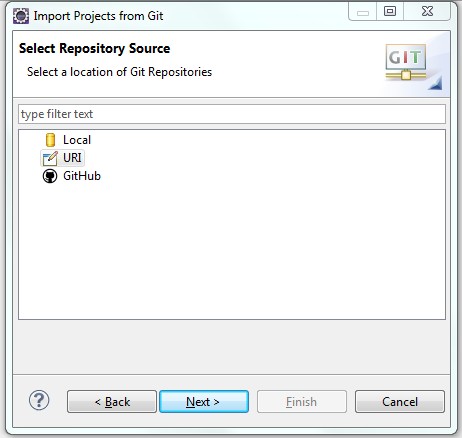
1. Double click on **C:\Dev\eclipse\eclipse.exe** (you should create a short cut to this file on your desktop)  
   **Important:** Wait until Eclipse has finished all its tasks during startup before going to the next step (check the "Prograss" view)
2. Go to **Window > Preferences > Maven > User Settings** and make it as

**C:\Users\<your user>\.m2\settings.xml**

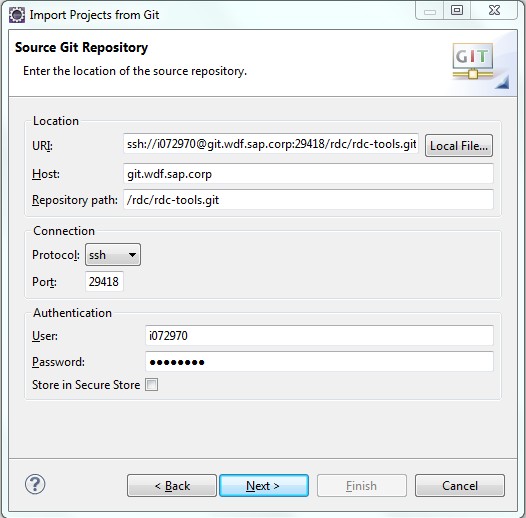


1. Adding the rdc-tools repository and import the **sapui5** project:
   1. Right-click on blank in the Project Explorer and choose **Import** -> **Git** -> **Projects from Git** -> **URI** -> **Next**

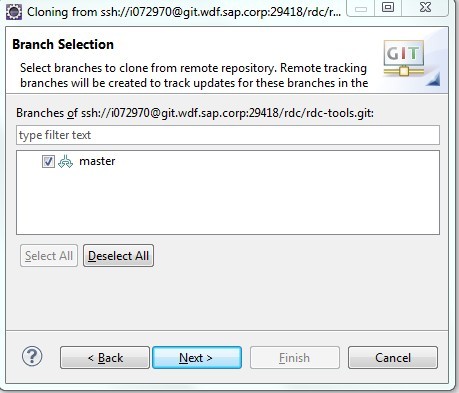




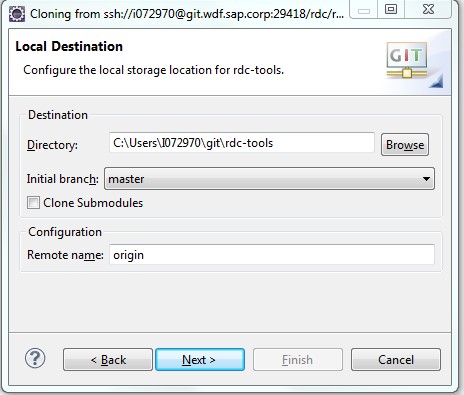
* 1. Paste the rdc tools repository **ssh://youruserid@git.wdf.sap.corp:29418/rdc/rdc-tools.git** in the URI and fill in the user id and password below.



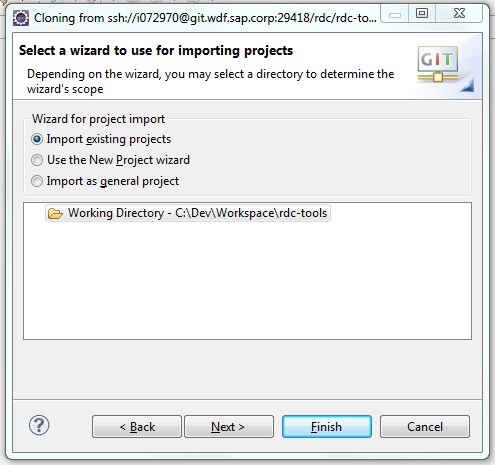
* 1. Go to next, keep the selected master option.



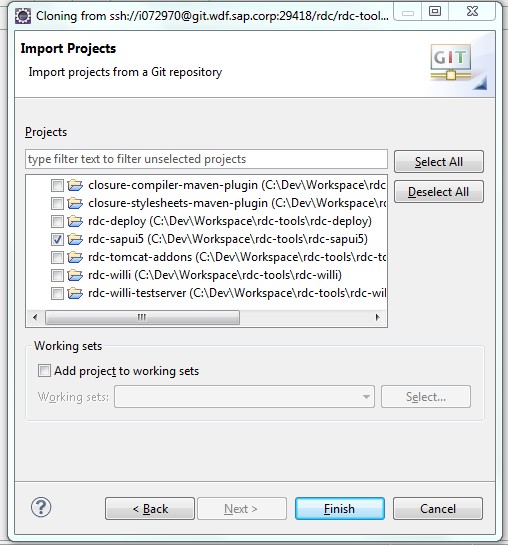
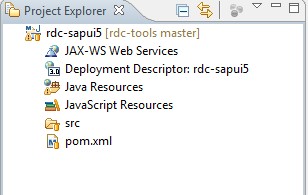
* 1. Then next, chose the workspace to put the source code.



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



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

1. 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 branchs and import the solution\_experience project. At last you will see it in the Project Explorer.

![C:\Users\I072970\AppData\Roaming\Tencent\Users\11157455\QQ\WinTemp\RichOle\13S6](64ASBATS6QF5L8((G.jpg](data:image/jpeg;base64,)

## 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 **blank** in the Project Explorer and choose **Import** -> **Projects from Git** -> **Local** -> **solution\_experience** -> **import exsiting project**
3. right-click on **rdc-sapui5** in the Project Explorer and choose Run as -> Maven clean, after maven clean, choose Run as -> Maven install
4. In the "Project Explorer" select all available projects (including "Servers") and press F5 (= refresh). Now wait until the refresh has finished.
5. **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/[https://wiki.wdf.sap.corp/wiki/images/icons/linkext7.gif](http://localhost:8080/bc/)](http://localhost:8080/sc/) into your browser.