

- 1) Create a project parent directory

Name	Date modified	Type	Size
CurrencyConverter	11/16/2017 4:02 PM	File folder	
parent	11/16/2017 2:18 PM	File folder	
S_Projects	12/11/2017 4:41 PM	File folder	
CLIENTLOGO.jpg	5/9/2017 4:01 PM	JPEG image	3 KB
COMPANYLOGO.jpg	5/9/2017 4:01 PM	JPEG image	3 KB
global-groovy.log	11/16/2017 5:17 PM	Text Document	3 KB
pom.xml	11/16/2017 2:59 PM	XML Document	1 KB
soapui.log	11/16/2017 5:17 PM	Text Document	15 KB
soapui-errors.log	11/16/2017 5:17 PM	Text Document	42 KB

- 2) Create projects as sub-folder within the parent directory like currencyConeveter & S_Projects
And paste client ant company images in the same folder.

```
1      <project xmlns="http://maven.apache.org/POM/4.0.0"
2          xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
3          xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
4              https://maven.apache.org/xsd/maven-4.0.0.x
5          <modelVersion>4.0.0</modelVersion>
6
7          <groupId>org.codehaus.mojo</groupId>
8          <artifactId>my-parent</artifactId>
9          <version>2.0</version>
10         <packaging>pom</packaging>
11
12         <modules>
13             <module>CurrencyConverter</module>
14             <module>S_Projects</module>
15             <!-- <module>third-project/pom-example.xml</module>-->
16         </modules>
17     </project>
```

pom.xml

Project:- Currency converter

Computer > Local Disk (D:) > SoapProject > CurrencyConverter >				
Add in library ▾ Share with ▾ New folder				
Name	Date modified	Type	Size	
ext	11/8/2017 3:39 PM	File folder		
output	11/8/2017 5:14 PM	File folder		
src	11/8/2017 4:54 PM	File folder		
target	11/8/2017 4:55 PM	File folder		
pom.xml	11/8/2017 5:13 PM	XML Document	3 KB	

pom.xml

Project xml path

Computer > Local Disk (D:) > SoapProject > CurrencyConverter > src > main > resources				
Add in library ▾ Share with ▾ New folder				
Name	Date modified	Type	Size	
currencyConverterProject.xml	11/8/2017 3:36 PM	XML Document	53 KB	

Jenkins integration:-


Download Jenkins bin files and extract and find Jenkins.war file:-

Computer > Local Disk (D:) > jenkins >				
Add in library ▾ Share with ▾ New folder				
Name	Date modified	Type	Size	
jenkins.msi	11/16/2017 4:06 PM	Windows Installer ...	118,372 KB	
jenkins.war	11/16/2017 5:17 PM	WAR File	71,570 KB	
jenkins-2.92.zip	11/27/2017 10:35 ...	Compressed (zipp...	118,956 KB	








Go to the directory and run the command

Java -jar Jenkins.war

Download apache tomcat server and extract:-

Name	Date modified	Type
 apache-tomcat	11/28/2017 12:38 ...	File folder

Go to webapps folder and paste the Jenkins.war file

Computer > Local Disk (D:) > apache-tomcat > apache-tomcat > webapps >				
Include in library ▾ Share with ▾ New folder				
Name	Date modified	Type	Size	
 docs	11/28/2017 12:38 ...	File folder		
 examples	11/28/2017 12:38 ...	File folder		
 host-manager	11/28/2017 12:38 ...	File folder		
 jenkins	11/28/2017 12:42 ...	File folder		
 manager	11/28/2017 12:38 ...	File folder		
 ROOT	11/28/2017 12:38 ...	File folder		
 jenkins.war	11/16/2017 5:17 PM	WAR File	71,570 KB	

Goto bin folder apache-tomcat folder and open cmd from same folder and run the command **startup.bat**

er > Local Disk (D:) > apache-tomcat > apache-tomcat > bin

Name	Date modified	Type	Size
bootstrap.jar	9/29/2017 3:26 PM	Executable Jar File	28 KB
catalina.bat	9/29/2017 3:26 PM	Windows Batch File	14 KB
catalina.sh	9/29/2017 3:26 PM	SH File	22 KB
catalina-tasks.xml	9/29/2017 3:26 PM	XML Document	2 KB
commons-daemon.jar	9/29/2017 3:26 PM	Executable Jar File	24 KB
commons-daemon-native.tar.gz	9/29/2017 3:26 PM	GZ File	201 KB
configtest.bat	9/29/2017 3:26 PM	Windows Batch File	2 KB
configtest.sh	9/29/2017 3:26 PM	SH File	2 KB
daemon.sh	9/29/2017 3:26 PM	SH File	8 KB
digest.bat	9/29/2017 3:26 PM	Windows Batch File	3 KB
digest.sh	9/29/2017 3:26 PM	SH File	2 KB
service.bat	9/29/2017 3:26 PM	Windows Batch File	7 KB
setclasspath.bat	9/29/2017 3:26 PM	Windows Batch File	4 KB
setclasspath.sh	9/29/2017 3:26 PM	SH File	4 KB
shutdown.bat	9/29/2017 3:26 PM	Windows Batch File	2 KB
shutdown.sh	9/29/2017 3:26 PM	SH File	2 KB
startup.bat	9/29/2017 3:26 PM	Windows Batch File	2 KB
startup.sh	9/29/2017 3:26 PM	SH File	2 KB
tcnative-1.dll	9/29/2017 3:26 PM	Application extens...	1,267 KB
tomcat7.exe	9/29/2017 3:26 PM	Application	85 KB
tomcat7w.exe	9/29/2017 3:26 PM	Application	108 KB
tomcat-juli.jar	9/29/2017 3:26 PM	Executable Jar File	44 KB
tomcat-native.tar.gz	9/29/2017 3:26 PM	GZ File	395 KB
tool-wrapper.bat	9/29/2017 3:26 PM	Windows Batch File	4 KB
tool-wrapper.sh	9/29/2017 3:26 PM	SH File	5 KB
version.bat	9/29/2017 3:26 PM	Windows Batch File	2 KB
version.sh	9/29/2017 3:26 PM	SH File	2 KB

Now check the Jenkins is started on the tomcat server.

Goto conf folder and change in server.xml file as per step given below.

mputer > Local Disk (D:) > apache-tomcat > apache-tomcat > conf >

Name	Date modified	Type	Size
Catalina	11/28/2017 12:41 ...	File folder	
catalina.policy	9/29/2017 3:26 PM	POLICY File	14 KB
catalina.properties	9/29/2017 3:26 PM	PROPERTIES File	7 KB
context.xml	9/29/2017 3:26 PM	XML Document	2 KB
logging.properties	9/29/2017 3:26 PM	PROPERTIES File	4 KB
server.xml	11/30/2017 2:45 PM	XML Document	7 KB
tomcat-users.xml	9/29/2017 3:26 PM	XML Document	2 KB
web.xml	9/29/2017 3:26 PM	XML Document	170 KB

If getting port issue please change the port from 8080 to 9090 as below:-

```
<Connector port="9090" protocol="HTTP/1.1"
    connectionTimeout="20000"
    redirectPort="8443" />
```


install maven in Jenkins

goto new items and select maven projects and goto configure as below and save

Build Environment

☐ Abort the build if it's stuck

☐ Add timestamps to the Console Output


☐ Use secret text(s) or file(s) 

Pre Steps


Add pre-build step ▼

Build

Root POM

D:\SoapProject\Projects\POM.xml 

Goals and options

mvn test 

Advanced...