

# Jenkins-Maven Activity

- Taking <https://github.com/jitpack/maven-simple> repository, create a job with this instructions:
  - a. Using Jenkins and Maven create a job for generating the build.

Graphic evidence:

The screenshot shows the Jenkins web interface. At the top, there's a header with the Jenkins logo, a search bar, and user information for Ana Margarita Garcia. Below the header, a breadcrumb trail shows 'Dashboard > 1rst-maven >'. The left sidebar contains a list of navigation links: 'Back to Dashboard', 'Status', 'Changes', 'Workspace', 'Build Now', 'Configure', 'Delete Maven project', 'Modules', and 'Rename'. The main content area is titled 'Maven project 1rst-maven' and contains a description: 'Tomando como base el repositorio https://github.com/jitpack/maven-simple utilizar Jenkins y Maven: 1.1 crear un job en el cual se va a generar la build.' There are links for 'Edit description' and a 'Disable Project' button. Below this, a 'Permalinks' section lists several build links, including 'Last build (#13)', 'Last stable build (#13)', 'Last successful build (#13)', 'Last failed build (#11)', 'Last unsuccessful build (#11)', and 'Last completed build (#13)'. At the bottom, there's a 'Build History' section with a 'trend' dropdown.

The screenshot shows the 'Configuration' page for the '1rst-maven' job. The left sidebar lists various configuration sections: 'General', 'Source Code Management', 'Build Triggers', 'Build Environment', 'Pre Steps', 'Build', 'Post Steps', 'Build Settings', and 'Post-build Actions'. The 'Source Code Management' section is selected. The main content area shows the 'Git' configuration. Under 'Repositories', there's a 'Repository URL' field with the value 'https://github.com/jitpack/maven-simple', a 'Credentials' dropdown set to '- none -', and buttons for '+ Add', 'Advanced...', and 'Add Repository'. Below this, the 'Branches to build' section has a 'Branch Specifier (blank for \'any\')' field with the value '\*/master' and an 'Add Branch' button. At the bottom, there are 'Save' and 'Apply' buttons.

## Configuration

- General
- Source Code Management
- Build Triggers
- Build Environment
- Pre Steps
- Build**
- Post Steps
- Build Settings
- Post-build Actions

### Build

Root POM ?

pom.xml

Goals and options ?

clean package -DskipTests

Advanced...

### Post Steps

- ☐ Run only if build succeeds
- ☐ Run only if build succeeds or is unstable

Save

Apply

↑ Back to Project

📄 Status

&lt;/&gt; Changes

📄 Console Output

📄 View as plain text

📄 Edit Build Information

🗑 Delete build '#13'

🔗 Git Build Data

🔄 Redeploy Artifacts

👤 See Fingerprints

## Console Output

```
Lanzada por el usuario Ana Margarita Garcia
Running as SYSTEM
Ejecutando en el espacio de trabajo C:\Users\am.garcia\.jenkins\workspace\1rst-maven
The recommended git tool is: NONE
No credentials specified
> git.exe rev-parse --resolve-git-dir C:\Users\am.garcia\.jenkins\workspace\1rst-maven\.git # timeout=10
Fetching changes from the remote Git repository
> git.exe config remote.origin.url https://github.com/jitpack/maven-simple # timeout=10
Fetching upstream changes from https://github.com/jitpack/maven-simple
> git.exe --version # timeout=10
> git --version # 'git version 2.38.0.windows.1'
> git.exe fetch --tags --force --progress -- https://github.com/jitpack/maven-simple
+refs/heads/*:refs/remotes/origin/* # timeout=10
> git.exe rev-parse "refs/remotes/origin/master^{commit}" # timeout=10
Checking out Revision 9466faa13d65044c8430b418327df826f13ca07a (refs/remotes/origin/master)
> git.exe config core.sparsecheckout # timeout=10
```

Dashboard > 1st-maven > #13

← Previous Build

```
-
Commit message: "JUnit4 test"
> git.exe rev-list --no-walk 9466faa13d65044c8430b418327df826f13ca07a # timeout=10
Parsing POMs
Established TCP socket on 60765
[1st-maven] $ java -cp C:\Users\am.garcia\.jenkins\plugins\maven-plugin\WEB-INF\lib\maven35-agent-1.14.jar;C:\Users\am.garcia\.jenkins\tools\udson.tasks.Maven_MavenInstallation\Maven3\boot\plexus-classworlds-2.6.0.jar;C:\Users\am.garcia\.jenkins\tools\udson.tasks.Maven_MavenInstallation\Maven3\conf\logging-jenkins.maven3.agent.Maven35Main C:\Users\am.garcia\.jenkins\tools\udson.tasks.Maven_MavenInstallation\Maven3 C:\Users\am.garcia\.jenkins\war\WEB-INF\lib\remoting-3044.vb_940a_a_e4f72e.jar
C:\Users\am.garcia\.jenkins\plugins\maven-plugin\WEB-INF\lib\maven35-interceptor-1.14.jar
C:\Users\am.garcia\.jenkins\plugins\maven-plugin\WEB-INF\lib\maven3-interceptor-commons-1.14.jar 60765
<===[JENKINS REMOTING CAPACITY]==>channel started
Executing Maven: -B -f C:\Users\am.garcia\.jenkins\workspace\1st-maven\pom.xml clean package -DskipTests
[INFO] Scanning for projects...
[WARNING]
[WARNING] Some problems were encountered while building the effective model for com.github.jitpack:maven-simple:jar:0.2-SNAPSHOT
[WARNING] 'build.plugins.plugin.version' for org.apache.maven.plugins:maven-source-plugin is missing. @ line 35, column 15
[WARNING] 'build.plugins.plugin.version' for org.apache.maven.plugins:maven-javadoc-plugin is missing. @ line 48, column 15
[WARNING]
[WARNING] It is highly recommended to fix these problems because they threaten the stability of your build.
[WARNING]
[WARNING] For this reason, future Maven versions might no longer support building such malformed projects.
```

Dashboard > 1st-maven > #13

```
-
[WARNING] javadoc: warning - The code being documented uses modules but the packages defined in
https://docs.oracle.com/javase/7/docs/api/ are in the unnamed module.
[WARNING] javadoc: warning - The code being documented uses modules but the packages defined in
https://docs.oracle.com/javase/7/docs/api/ are in the unnamed module.
[WARNING] javadoc: warning - The code being documented uses modules but the packages defined in
https://docs.oracle.com/javase/7/docs/api/ are in the unnamed module.
[INFO] Building jar: C:\Users\am.garcia\.jenkins\workspace\1st-maven\target\maven-simple-0.2-SNAPSHOT-javadoc.jar
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 5.000 s
[INFO] Finished at: 2022-11-03T13:02:47-05:00
[INFO] -----
Esperando a que Jenkins finalice de recopilar datos
[JENKINS] Archiving C:\Users\am.garcia\.jenkins\workspace\1st-maven\pom.xml to com.github.jitpack:maven-simple/0.2-SNAPSHOT/maven-simple-0.2-SNAPSHOT.pom
[JENKINS] Archiving C:\Users\am.garcia\.jenkins\workspace\1st-maven\target\maven-simple-0.2-SNAPSHOT.jar to com.github.jitpack:maven-simple/0.2-SNAPSHOT/maven-simple-0.2-SNAPSHOT.jar
[JENKINS] Archiving C:\Users\am.garcia\.jenkins\workspace\1st-maven\target\maven-simple-0.2-SNAPSHOT-sources.jar to com.github.jitpack:maven-simple/0.2-SNAPSHOT/maven-simple-0.2-SNAPSHOT-sources.jar
[JENKINS] Archiving C:\Users\am.garcia\.jenkins\workspace\1st-maven\target\maven-simple-0.2-SNAPSHOT-javadoc.jar to com.github.jitpack:maven-simple/0.2-SNAPSHOT/maven-simple-0.2-SNAPSHOT-javadoc.jar
channel stopped
Finished: SUCCESS
```