



Actividad 2 - Maven

Tomando como base el repositorio

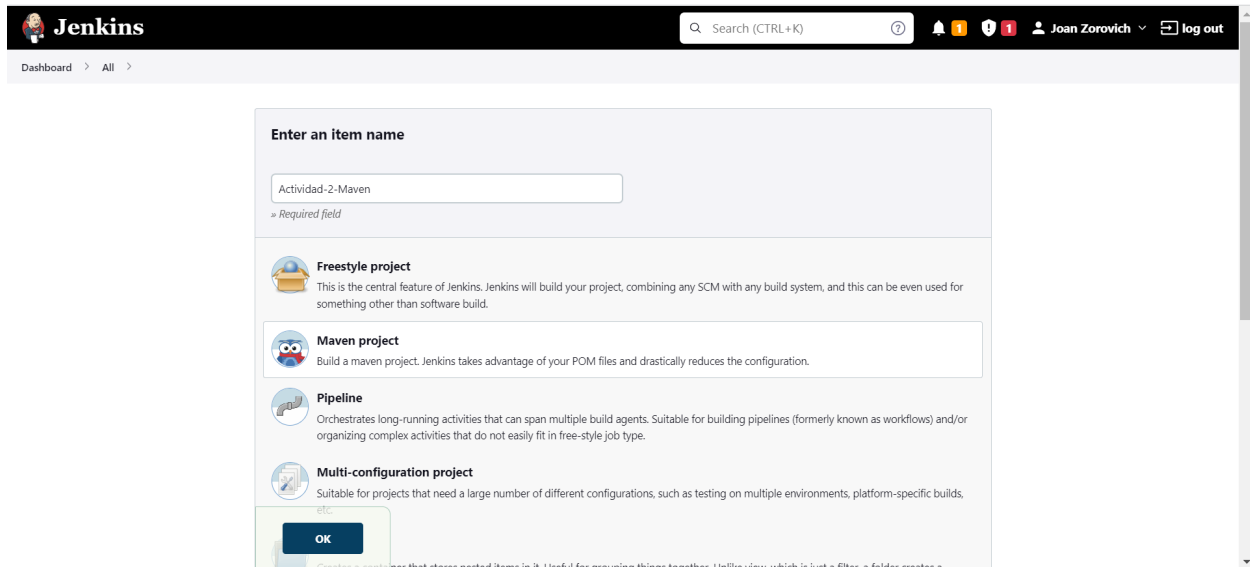
<https://github.com/jitpack/maven-simple>

Van a utilizar Jenkins y Maven para crear un job en el cual se va a generar la build. (solo generarla más no ejecutarla), usando el comando `clean package`. crear un documento PDF donde van a adjuntar los pantallazos en los cuales de forma clara se aprecie los pasos realizados para crear el jobs y el log del resultado final (console output).

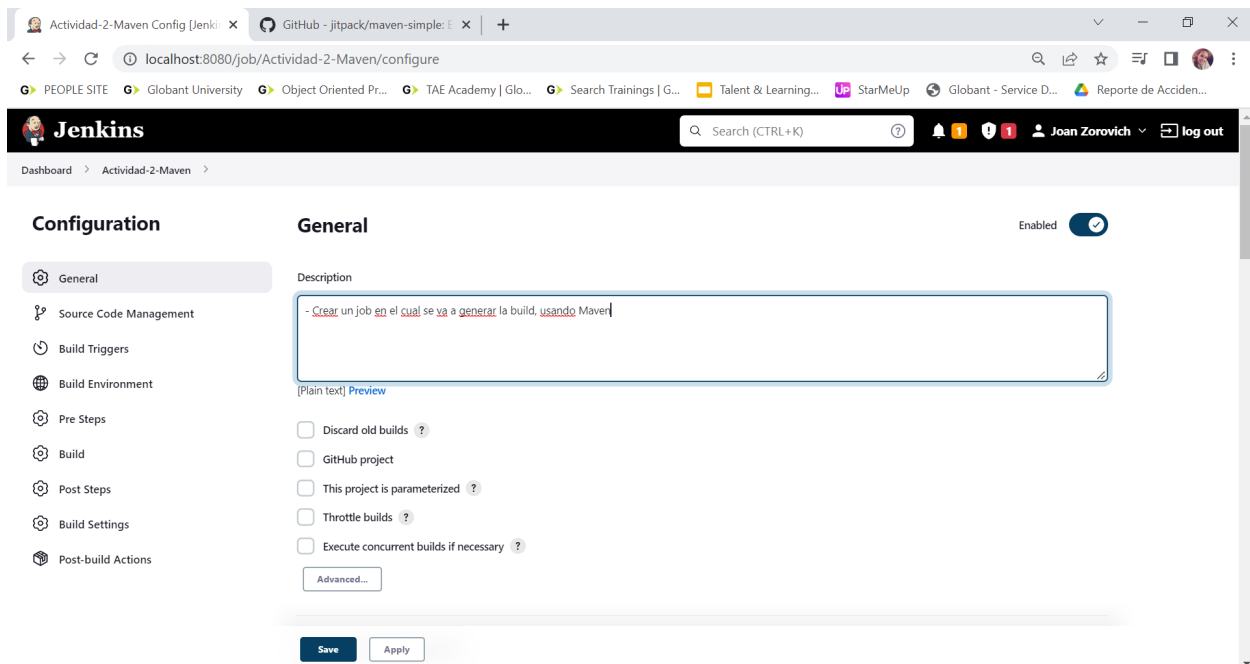
1. Crear el Job → dar click en New Item

2. Darle un nombre al Job

- Seleccionar Maven Project
- Click en ok

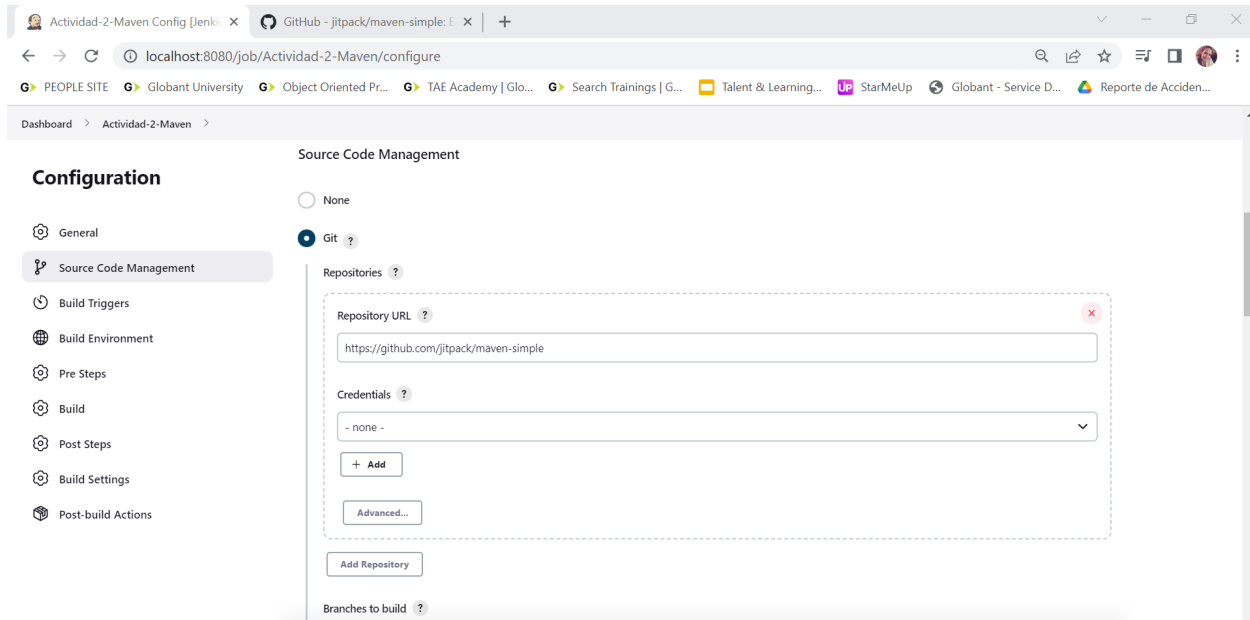


3. Añadir una descripción al Job → para el caso academico, se indica el objetivo de la actividad.

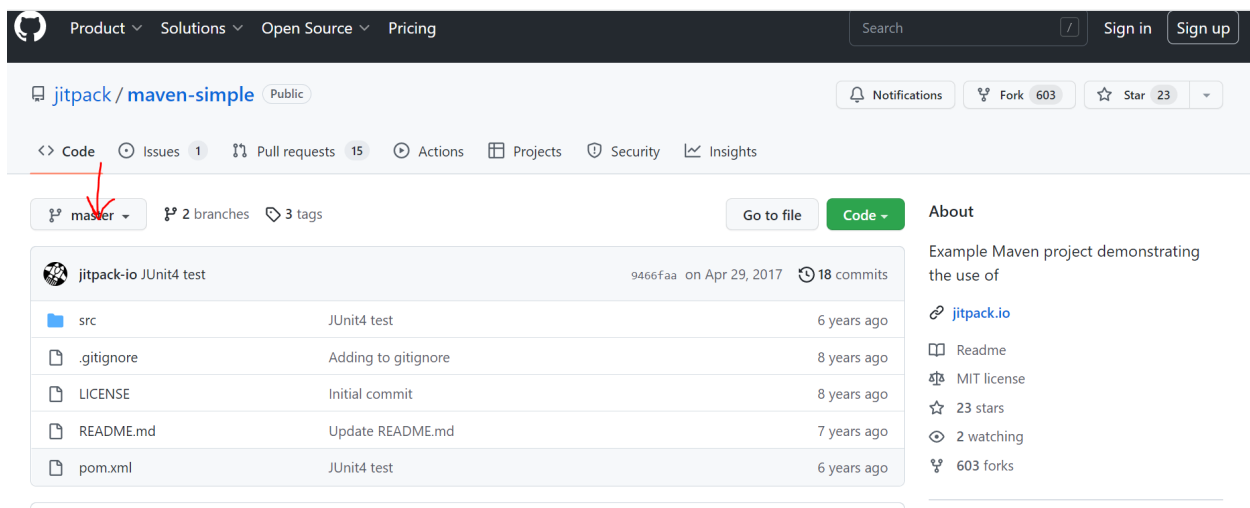


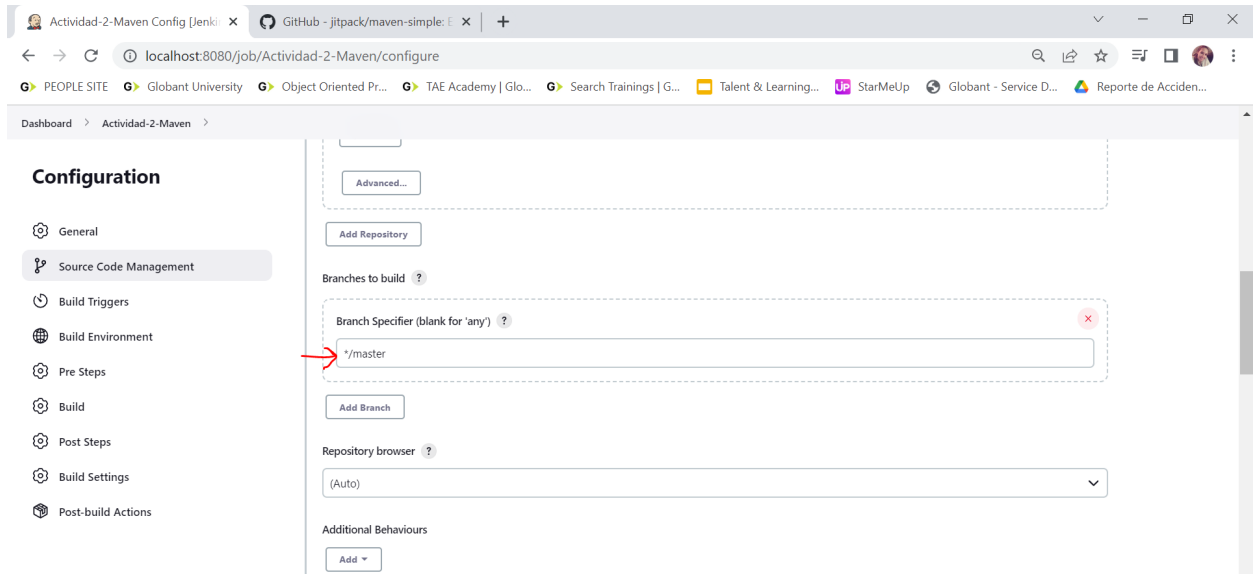
4. Como se va a trabajar con un repositorio de Github;

- Seleccionar GIT
- Colocar la URL del repositorio

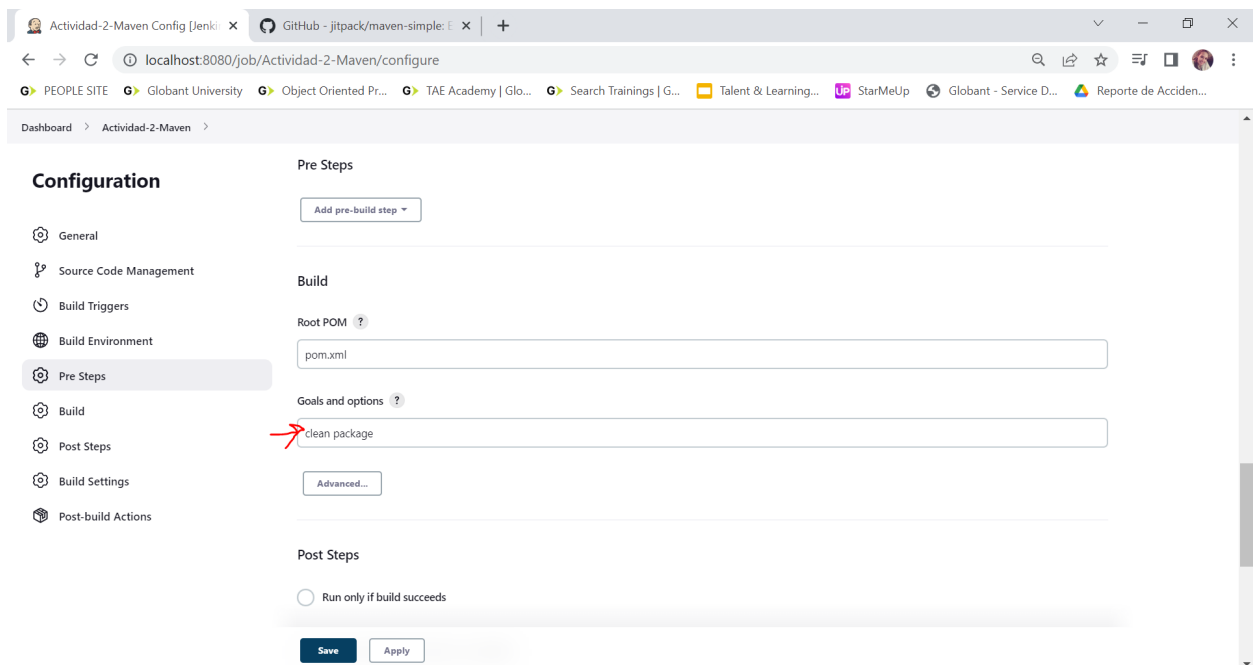


5. Indicar la rama donde queremos que se ejecute el proceso, en este caso master





6. Vamos a ejecutar las pruebas unitarias (Goals and options)



- Apply → save

7. Ejecutar el Job → Build Now

7. Validar si la ejecución fue correcta - dar click en el #1, en este caso

Dashboard > Actividad-2-Maven

Maven project Actividad-2-Maven

- Crear un job en el cual se va a generar la build, usando Maven

[Edit description](#)

[Disable Project](#)

Permalinks

Build History trend

Filter builds...

#	Build	Status	Time
1	Nov 4, 2022, 1:58 PM	Success	

[Atom feed for all](#) [Atom feed for failures](#)

9. Consultar los logs - Click Console Output

Dashboard > Actividad-2-Maven > #1

Build #1 (Nov 4, 2022, 1:58:22 PM)

[Keep this build forever](#)

Started 6 min 44 sec ago
Took 1 min 29 sec

[Add description](#)

Console Output

No changes.

Started by user [Joan Zorovich](#)

git

Revision: 9466faa13d65044c8430b418327df826f13ca07a
Repository: <https://github.com/jitpack/maven-simple>

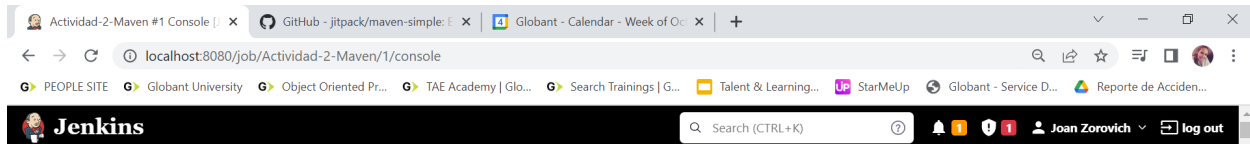
- refs/remotes/origin/master

Test Result (no failures)

Module Builds

Module Build	Duration
Simple Maven example	1 min 17 sec

REST API Jenkins 2.361.2



```
Started by user Joan Zorovich
Running as SYSTEM
Building in workspace C:\Users\joan.zorovich\.jenkins\workspace\Actividad-2-Maven
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir C:\Users\joan.zorovich\.jenkins\workspace\Actividad-2-Maven\.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/jitpack/maven-simple # timeout=10
Fetching upstream changes from https://github.com/jitpack/maven-simple
> git --version # timeout=10
> git --version # 'git version 2.38.0.windows.1'
> git fetch --tags --force --progress -- https://github.com/jitpack/maven-simple +refs/heads/*:refs/remotes/origin/* # timeout=10
> git rev-parse 'refs/remotes/origin/master^{commit}' # timeout=10
Checking out Revision 9466faa13d65044c8430b418327df826f13ca07a (refs/remotes/origin/master)
> git config core.sparsecheckout # timeout=10
> git checkout -f 9466faa13d65044c8430b418327df826f13ca07a # timeout=10
Commit message: "JUnit4 test"
> git rev-list --no-walk 9466faa13d65044c8430b418327df826f13ca07a # timeout=10
Parsing POMs
Established TCP socket on 64561
[Actividad-2-Maven] $ java -cp C:\Users\joan.zorovich\.jenkins\plugins\maven-plugin\WEB-INF\lib\maven35-agent-1.14.jar;C:\Users\joan.zorovich\.jenkins\workspace\Actividad-2-Maven\pom.xml clean package
[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.
[WARNING]
[INFO]
[INFO] -----< com.github.jitpack:maven-simple >-----
[INFO] Building Simple Maven example 0.2-SNAPSHOT
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-clean-plugin:2.5:clean (default-clean) @ maven-simple ---
[INFO] Deleting C:\Users\joan.zorovich\.jenkins\workspace\Actividad-2-Maven\target
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ maven-simple ---
[WARNING] Using platform encoding (Cp1252 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory C:\Users\joan.zorovich\.jenkins\workspace\Actividad-2-Maven\src\main\resources
[INFO]
[INFO] --- maven-compiler-plugin:3.2:compile (default-compile) @ maven-simple ---
[INFO] Changes detected - recompiling the module!
[WARNING] File encoding has not been set, using platform encoding Cp1252, i.e. build is platform dependent!
```

[illegible]

[illegible]


```
[WARNING] javadoc: warning - The code being documented uses modules but the packages defined in https://docs.oracle.com/javase/7/docs/api/
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[WARNING] javadoc: warning - The code being documented uses modules but the packages defined in https://docs.oracle.com/javase/7/docs/api/
[INFO] Building jar: C:\Users\joan.zorovich\.jenkins\workspace\Actividad-2-Maven\target\maven-simple-0.2-SNAPSHOT-javadoc.jar
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 6.064 s
[INFO] Finished at: 2022-11-04T14:06:32-05:00
[INFO] -----
Waiting for Jenkins to finish collecting data
[JENKINS] Archiving C:\Users\joan.zorovich\.jenkins\workspace\Actividad-2-Maven\pom.xml to com.github.jitpack/maven-simple/0.2-SNAPSHOT/mav
[JENKINS] Archiving C:\Users\joan.zorovich\.jenkins\workspace\Actividad-2-Maven\target\maven-simple-0.2-SNAPSHOT.jar to com.github.jitpack/
[JENKINS] Archiving C:\Users\joan.zorovich\.jenkins\workspace\Actividad-2-Maven\target\maven-simple-0.2-SNAPSHOT-sources.jar to com.github.
[JENKINS] Archiving C:\Users\joan.zorovich\.jenkins\workspace\Actividad-2-Maven\target\maven-simple-0.2-SNAPSHOT-javadoc.jar to com.github.
channel stopped
Finished: SUCCESS
```

- Aquí se observa que se ejecutaron los test.

```
-----
T E S T S
-----

Running com.github.jitpack.AppTest
Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.035 sec

Results :

Tests run: 2, Failures: 0, Errors: 0, Skipped: 0
```

- Se crearon los archivos
 - .jar → tiene todo el código compilado
 - sources.jar → solo contiene el código fuente, es decir todos los archivos java que se utilizaron para crear la build
 - javadoc.jar → generador de documentación en formato HTML

