

1. Vamos a Manage Jenkins y a Manage Plugins:

Manage Jenkins

New version of Jenkins (2.361.3) is available for [download](#) ([changes](#))

Building on the built-in node can be a security issue. You should set up your own Jenkins node. See [the documentation](#).

System Configuration

- Configure System**
Configure global settings and paths.
- Manage Plugins**
Add, remove, disable or enable plugins that can extend the functionality of Jenkins.

Build Queue

No builds in the queue.

Build Executor Status

- 1 Idle
- 2 Idle

2. Buscando en la parte de Available “Maven” e instalamos este, en este caso está en Installed porque ya se encuentra instalado:

Plugin Manager

Updates Available **Installed** Advanced

Q Maven

Name ↓	Enabled
Maven Integration plugin 3.20 This plugin provides a deep integration between Jenkins and Maven. It adds support for automatic triggers between projects depending on SNAPSHOTS as well as the automated configuration of various Jenkins publishers such as Junit. Report an issue with this plugin	<input checked="" type="checkbox"/>

3. Vamos a Manage Jenkins y a Global Tool Configuration:

Manage Jenkins

New version of Jenkins (2.361.3) is available for [download](#) ([changelog](#)). [Or Upgrade Automatically](#)

Building on the built-in node can be a security issue. You should set up distributed builds. See [the documentation](#). [Set up agent](#) [Set up cloud](#) [Dismiss](#)

System Configuration

- Configure System**
Configure global settings and paths.
- Global Tool Configuration**
Configure tools, their locations and automatic installers.
- Manage Plugins** 3
- Manage Nodes and Clouds**

Build Queue ▼
No builds in the queue.

Build Executor Status ▼

4. Bajamos hasta el apartado de “Maven” y completamos el nombre y la versión, a continuación presionamos “Save”:

Maven

Maven installations

List of Maven installations on this system

Add Maven

Maven

Name

Maven 3.8.5

☒ Install automatically ?

Install from Apache

Version

3.8.5

Save **Apply**


5. Vamos a crear un nuevo job en “New Item”:

- + New Item
- People
- Build History
- Project Relationship
- Check File Fingerprint
- Manage Jenkins
- My Views


6. Escribimos el nombre del job, colocamos “Maven project” y presionamos “OK”:

Enter an item name


» Required field

**Freestyle project**


This is the central feature of Jenkins. Jenkins will build your project, combining any SCM with any build tool and anything else you want to do.

**Maven project**

Build a maven project. Jenkins takes advantage of your POM files and drastically reduces the configuration.

**Pipeline**

Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines or organizing complex activities that do not easily fit in free-style job type.

**Multi-configuration project**

Build projects that need a large number of different configurations, such as testing on multiple operating systems, etc.

OK

7. Llenamos los datos del apartado de git, el repositorio y las credenciales:

Git ?

Repositories ?

Repository URL ?

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

Credentials ?

CarlosPrentt/***** (My GitHub Credentials)

+ Add

Advanced...

Add Repository

8. Bajamos al apartado de "Build" y colocamos el comando "clean package" y presionamos "Save":

Build

Root POM ?

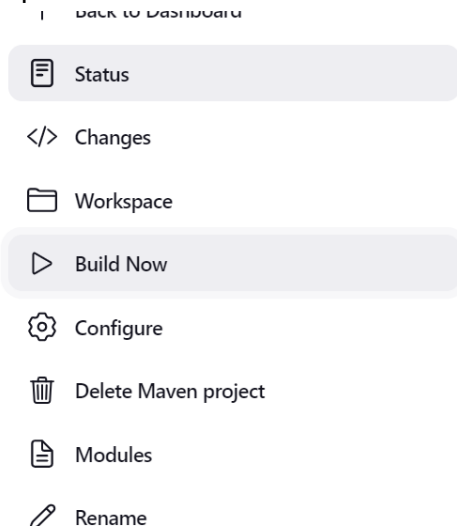
pom.xml

Goals and options ?

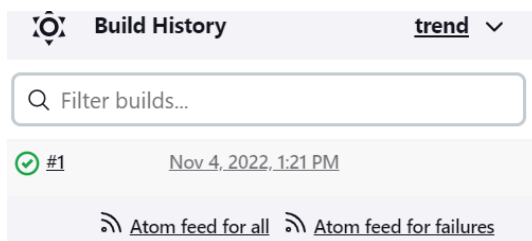
clean package

Advanced...

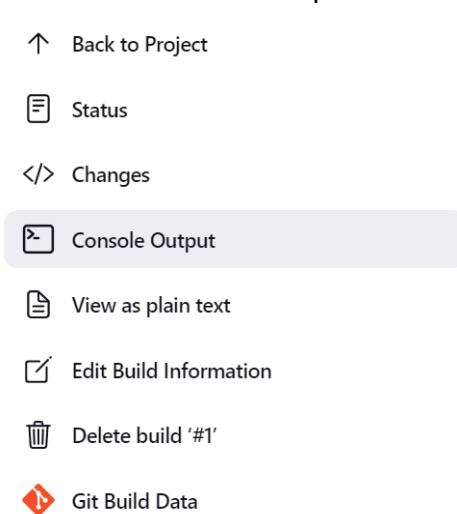
9. Y presionamos “Build Now”:



10. Presionamos en el “#1”:



11. Y vamos a “Console Output”:



12. Y vemos qué hay en la consola:

Console Output

Skipping 70 KB. [Full Log](#)

```
[INFO] Changes detected - recompiling the module!  
[WARNING] File encoding has not been set, using platform encoding Cp1252, i.e. build is platform dependent!  
[INFO] Compiling 1 source file to C:\Users\carlos.ferro\.jenkins\workspace\maven-exercise\target\classes  
[INFO]  
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ 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\carlos.ferro\.jenkins\workspace\maven-exercise\src\test\resource  
[INFO]  
[INFO] --- maven-compiler-plugin:3.2:testCompile (default-testCompile) @ 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!  
[INFO] Compiling 1 source file to C:\Users\carlos.ferro\.jenkins\workspace\maven-exercise\target\test-classes  
[INFO]  
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ maven-simple ---  
[INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-booter/2.12.4/surefire-booter-2.12.4.pom  
[INFO] Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-booter/2.12.4/surefire-booter-2.12.4.pom
```