

## 1. In the same Job we modify the general option in order to add the new JOBS.

The screenshot shows the Jenkins Configuration page for a job, with the 'General' tab selected. The left sidebar contains links to 'General', 'Source Code Management', 'Build Triggers', 'Build Environment', 'Build Steps', and 'Post-build Actions'. The 'General' tab is active, showing a 'Description' field with the following text: '1.2. Compile el proyecto', '1.3. Genere el archivo .jar del proyecto', '2. Crear un segundo job que haga lo siguiente:', '2.1 Tomar la build creada en el anterior job (En este deben de estar ubicados en la carpeta donde se generó la build)', and '2.2 ejecutar el comando java-jar NOMBRE\_DEL\_ARCHIVO.jar usando la build generada.' Below the description field are several checkboxes: 'Discard old builds', 'GitHub project', 'This project is parameterized', 'Throttle builds', and 'Execute concurrent builds if necessary'. An 'Advanced...' button is located at the bottom of the configuration section.

## 2. For this second job we are modifying the Commands, nevertheless, this is going to generate a new job, (%CD%) is used to indicate where the route is located.

### Build Steps

The screenshot shows the Jenkins Build Steps configuration page. The 'Execute Windows batch command' step is selected. The 'Command' field contains the following text: 'cd src', 'echo %cd%', 'javac calculator.java', 'touch Manifest.txt', 'echo Main-class: Calculator> Manifest.txt', and 'jar cvfm MyJarCalculator.jar Manifest.txt Calculator.class'. Below the command field is an 'Advanced...' button. At the bottom of the page are 'Save' and 'Apply' buttons.

## 3. This line is only going to generate the JAR, and click in save.

The screenshot shows the Jenkins Build Steps configuration page, focusing on the 'Command' field. The text in the field is: 'echo %cd%', 'javac calculator.java', 'touch Manifest.txt', 'echo Main-class: Calculator> Manifest.txt', and 'jar cvfm MyJarCalculator.jar Manifest.txt Calculator.class'. The 'jar' command line is highlighted with a red underline. Below the command field is an 'Advanced...' button. At the bottom of the page are 'Save' and 'Apply' buttons.

#### 4. We verified that everything was fine in the console output.

[↑ Back to Project](#)  
[📄 Status](#)  
[</> Changes](#)  
[📄 Console Output](#)  
[📄 View as plain text](#)  
[✔ Edit Build Information](#)  
[🗑 Delete build '#3'](#)  
[🔍 Git Build Data](#)  
[← Previous Build](#)

### Console Output

```
Started by user CarlosLeal
Running as SYSTEM
Building in workspace C:\ProgramData\Jenkins\jenkins\workspace\MyJarCalculator
The recommended git tool is: NONE
using credential e4e322ea-2efc-4df1-bab3-fe232b160aba
> git rev-parse --resolve-git-dir C:\ProgramData\Jenkins\jenkins\workspace\MyJarCalculator\.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/vero8311/calculator # timeout=10
Fetching upstream changes from https://github.com/vero8311/calculator
> git --version # timeout=10
> git --version # 'git version 2.38.0.windows.1'
using GIT_ASKPASS to set credentials My git hub credentials
> git fetch --tags --force --progress -- https://github.com/vero8311/calculator +refs/heads/*:refs/remotes/origin/* # timeout=10
> git rev-parse "refs/remotes/origin/master^{commit}" # timeout=10
Checking out Revision b2ec49664e0aa02b087274ba23f09bd99629c530 (refs/remotes/origin/master)
> git config core.sparsecheckout # timeout=10
> git checkout -f b2ec49664e0aa02b087274ba23f09bd99629c530 # timeout=10
Commit message: "Calculator project"
> git rev-list --no-walk b2ec49664e0aa02b087274ba23f09bd99629c530 # timeout=10
[MyJarCalculator] $ cmd /c call C:\windows\TEMP\jenkins5411860414995508936.bat

C:\ProgramData\Jenkins\jenkins\workspace\MyJarCalculator>cd src

C:\ProgramData\Jenkins\jenkins\workspace\MyJarCalculator\src>echo C:\ProgramData\Jenkins\jenkins\workspace\MyJarCalculator\src
C:\ProgramData\Jenkins\jenkins\workspace\MyJarCalculator\src

C:\ProgramData\Jenkins\jenkins\workspace\MyJarCalculator\src>javac calculator.java

C:\ProgramData\Jenkins\jenkins\workspace\MyJarCalculator\src>touch Manifest.txt
'touch' is not recognized as an internal or external command,
operable program or batch file.

C:\ProgramData\Jenkins\jenkins\workspace\MyJarCalculator\src>echo Main-Class: Calculator 1>Manifest.txt

C:\ProgramData\Jenkins\jenkins\workspace\MyJarCalculator\src>jar cvfm MyJarCalculator.jar Manifest.txt Calculator.class
added manifest
adding: Calculator.class(in = 1866) (out= 564)(deflated 47%)

C:\ProgramData\Jenkins\jenkins\workspace\MyJarCalculator\src>exit 0
Finished: SUCCESS
```

Started by user [CarlosLeal](#)

Running as SYSTEM

Building in workspace

C:\ProgramData\Jenkins\jenkins\workspace\MyJarCalculator

The recommended git tool is: NONE

using credential e4e322ea-2efc-4df1-bab3-fe232b160aba

> git rev-parse --resolve-git-dir

C:\ProgramData\Jenkins\jenkins\workspace\MyJarCalculator\.git # timeout=10

Fetching changes from the remote Git repository

```
> git config remote.origin.url https://github.com/vero0311/calculator # timeout=10
```

Fetching upstream changes from <https://github.com/vero0311/calculator>

```
> git --version # timeout=10
```

```
> git --version # 'git version 2.38.0.windows.1'
```

using GIT\_ASKPASS to set credentials My git hub credentials

```
> git fetch --tags --force --progress -- https://github.com/vero0311/calculator
```

```
+refs/heads/*:refs/remotes/origin/* # timeout=10
```

```
> git rev-parse "refs/remotes/origin/master^{commit}" # timeout=10
```

Checking out Revision b2ec49664e0aa02b087274ba23f09bd99629c530

(refs/remotes/origin/master)

```
> git config core.sparsecheckout # timeout=10
```

```
> git checkout -f b2ec49664e0aa02b087274ba23f09bd99629c530 # timeout=10
```

Commit message: "Calculator project"

```
> git rev-list --no-walk b2ec49664e0aa02b087274ba23f09bd99629c530 #  
timeout=10
```

[MyJarCalculator] \$ cmd /c call

C:\windows\TEMP\jenkins5411860414995580936.bat

C:\ProgramData\Jenkins\.jenkins\workspace\MyJarCalculator>cd src

C:\ProgramData\Jenkins\.jenkins\workspace\MyJarCalculator\src>echo

C:\ProgramData\Jenkins\.jenkins\workspace\MyJarCalculator\src

C:\ProgramData\Jenkins\.jenkins\workspace\MyJarCalculator\src

C:\ProgramData\Jenkins\.jenkins\workspace\MyJarCalculator\src>javac  
calculator.java

C:\ProgramData\Jenkins\.jenkins\workspace\MyJarCalculator\src>touch  
Manifest.txt

'touch' is not recognized as an internal or external command,  
operable program or batch file.

C:\ProgramData\Jenkins\.jenkins\workspace\MyJarCalculator\src>echo  
Main-class: Calculator 1>Manifest.txt

C:\ProgramData\Jenkins\.jenkins\workspace\MyJarCalculator\src>jar cvfm  
MyJarCalculator.jar Manifest.txt Calculator.class  
added manifest  
adding: Calculator.class(in = 1066) (out= 564)(deflated 47%)

C:\ProgramData\Jenkins\.jenkins\workspace\MyJarCalculator\src>exit 0

**Finished: SUCCESS**

5. The last step is going back to the dashboard and verifying that it has the green check mark.

Dashboard >

+ New Item

People

Build History

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

Build Queue

No builds in the queue.

All

+

S	W	Name ↓	Last Success	Last Failure	Last Duration
		<a href="#">MyJarCalculator</a>	2 hr 4 min <a href="#">#3</a>	N/A	5.5 sec

Icon: 

S

M

L

Icon legend

Atom feed for all

Atom feed for failures

Atom feed for just latest builds