



```
touch build.gradle
```

```
$ vi build.gradle (Version Plugin cleanArchitecture)
```

```
$ gradle tasks
```

```
crist@LAPTOP-PLKDU1RN MINGW64 /c/tools/gradle-7.6.2/bin
$ gradle tasks

Welcome to Gradle 7.6.2!

Rules
-----
Pattern: clean<TaskName>: Cleans the output files of a task.
Pattern: build<ConfigurationName>: Assembles the artifacts of a configuration.

To see all tasks and more detail, run gradle tasks --all

To see more detail about a task, run gradle help --task <task>

BUILD SUCCESSFUL in 33s
1 actionable task: 1 executed

crist@LAPTOP-PLKDU1RN MINGW64 /c/tools/gradle-7.6.2/bin
```

```
$ gradle cleanArchitecture --package=co.com.bancolombia --type=reactive -
-name=ms_ch_primerio --coverage=jacoco --lombok=true --
javaVersion=VERSION_11
```

```
crist@LAPTOP-PLKDU1RN MINGW64 /c/tools/gradle-7.6.2/bin
$ gradle cleanArchitecture --package=co.com.bancolombia --type=reactive --name=ms_ch_primerio --coverage=jacoco --lombok=true --javaVersion=VERSION_11

> Task :cleanArchitecture
Clean Architecture plugin version: 3.6.1
Package: co.com.bancolombia
Project Type: REACTIVE
Java Version: VERSION_11
Project Name: ms_ch_primerio
Applying changes on disk
files: 16, dirs: 18, deleted dirs: 0
Changes successfully applied
You have an old version of the plugin the latest version is: v3.6.3 to update it please run: gradle u
#####
## Analytics Notice ##
#####
Analytics are enabled by default if you want to disable it please run: gradle analytics --enabled false

BUILD SUCCESSFUL in 5s
1 actionable task: 1 executed

crist@LAPTOP-PLKDU1RN MINGW64 /c/tools/gradle-7.6.2/bin
```

```
$ gradle generateModel --name=Animales
```

```
crist@LAPTOP-PLKDU1RN MINGW64 ~/OneDrive/Documentos/java-prueba
$ gradle generateModel --name=Animales

> Task :generateModel
Clean Architecture plugin version: 2.3.3
Model Name: Animales
Applying changes on disk
files: 2, dirs: 3, deleted dirs: 0
Changes successfully applied
WARNING: You have an old version of the plugin, the latest version is: v3.6.3

BUILD SUCCESSFUL in 4s
1 actionable task: 1 executed
```



```
$ gradle generateUseCase --name=AnimalesCasos
```

```
cris@LAPTOP-PLKDU1RN MINGW64 ~/OneDrive/Documentos/java-prueba
$ gradle generateUseCase --name=AnimalesCasos

> Task :generateUseCase
Clean Architecture plugin version: 2.3.3
Use Case Name: AnimalesCasos
Applying changes on disk
files: 2, dirs: 3, deleted dirs: 0
Changes successfully applied
WARNING: You have an old version of the plugin, the latest version is: v3.6.3

BUILD SUCCESSFUL in 4s
1 actionable task: 1 executed
```

```
gradle generateDrivenAdapter -type=jpa
```

```
cris@LAPTOP-PLKDU1RN MINGW64 ~/OneDrive/Documentos/SETI/Taller Avanzado Java/Animales
$ gradle generateDrivenAdapter --type=jpa

> Task :generateDrivenAdapter
Clean Architecture plugin version: 2.2.0
Driven Adapter type: JPA
adding module jpa-repository to settings.gradle
adding dependency implementation project(':jpa-repository') to module app-service
adding dependency implementation 'org.reactivecommons.utils:object-mapper:0.1.0' to module app-service
WARNING: You have an old version of the plugin, the latest version is: v3.6.3
Applying changes

Updating application properties
Changes successfully applied

BUILD SUCCESSFUL in 3s
1 actionable task: 1 executed
```

```
$ gradle gep --type restmvc
```

```
cris@LAPTOP-PLKDU1RN MINGW64 ~/OneDrive/Escritorio/Animales
$ gradle gep --type restmvc

> Task :gep
Clean Architecture plugin version: 2.2.0
Entry Point type: RESTMVC
adding module api-rest to settings.gradle
adding dependency implementation project(':api-rest') to module app-service
adding dependency implementation 'org.springframework.boot:spring-boot-starter-undertow:2.6.2' to module app-service
adding configuration compile.exclude group: "org.springframework.boot", module:"spring-boot-starter-tomcat" to module app-service
WARNING: You have an old version of the plugin, the latest version is: v3.6.3
Applying changes

Changes successfully applied

BUILD SUCCESSFUL in 11s
1 actionable task: 1 executed
```



gradle build → .JAR

```
Terminal Local x + v

See https://docs.gradle.org/7.6.2/userguide/command\_line\_interface.html#sec:command\_line\_warnings

BUILD SUCCESSFUL in 1m 52s
13 actionable tasks: 13 executed
PS C:\Users\crist\OneDrive\Escritorio\Animales>
```

```
MainApplication.java AnimalesCasosUseCase.java Dockerfile x
1 FROM adoptopenjdk/openjdk11-openj9:alpine-slim
2 VOLUME /tmp
3 COPY *.jar ms_ch_animales.jar
4 RUN sh -c 'touch /ms_ch_animales-java-adv.jar'
5 ENV JAVA_OPTS="-Xshareclasses:name=cacheapp,cacheDir=/cache,nonfatal -XX:+UseContainerSupport -XX:MaxRAMP
6 ENTRYPOINT [ "sh", "-c", "java $JAVA_OPTS -jar ms_ch_animales.jar" ]
7
```

docker build -t animalesimage . → Creacion imagen en Docker

```
Terminal Local x + v

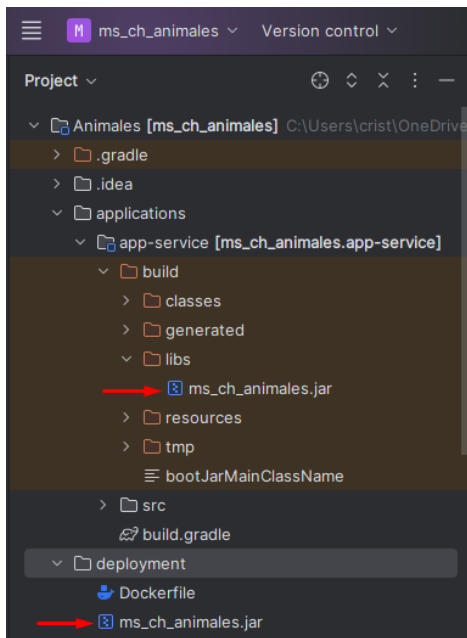
=> [2/3] COPY *.jar ms_ch_animales.jar 15.1s
=> [3/3] RUN sh -c 'touch /ms_ch_animales-java-adv.jar' 4.3s
=> exporting to image 0.7s
=> exporting layers 0.6s
=> writing image sha256:fb09ce7c92bc0615b210790f36816cce6b93e05aab5c9924346b35d1d26cd3e7 0.0s
=> naming to docker.io/library/animalesimage 0.0s

What's Next?
View summary of image vulnerabilities and recommendations → docker scout quickview
PS C:\Users\crist\OneDrive\Escritorio\Animales\deployment>
```

Docker Desktop interface showing the 'Images' tab. The interface includes a sidebar with navigation options (Containers, Images, Volumes, Dev Environments, Docker Scout, Learning center) and a main panel displaying a list of local Docker images. The 'Images' panel shows a search bar, a table of images, and a status bar at the bottom.

Name	Tag	Status	Created	Size	Actions
animalesimage	latest	In use	5 hours ago	296.4 MB	... Delete
b58d89a5919e	<none>	In use (dangling)	10 hours ago	343.9 MB	... Delete
fb09ce7c92bc	1.3	In use	4 years ago	236.34 MB	... Delete

Showing 3 items



```
docker run -p 16010:16010 -it animalesimage
```