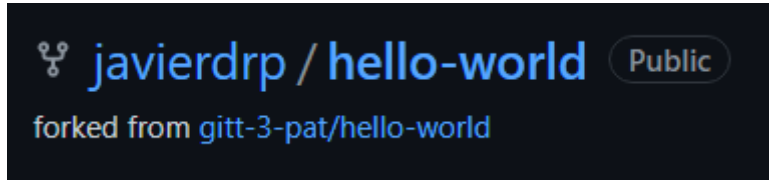


Javier Díaz de Rábago Pemán

PRÁCTICA 1 – Instalación de herramientas

En primer lugar, hago un fork del repositorio, alojado en <https://github.com/javierdrp/hello-world>



A continuación, utilizo git clone para crear una copia del repositorio.

```
● @javierdrp → /tmp $ git clone https://github.com/javierdrp/hello-world
Cloning into 'hello-world'...
remote: Enumerating objects: 38, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 38 (delta 0), reused 0 (delta 0), pack-reused 34
Unpacking objects: 100% (38/38), 59.54 KiB | 1.75 MiB/s, done.
```

Con git status compruebo si hay cambios en el repositorio.

```
● @javierdrp → /workspaces/hello-world (main) $ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
```

A continuación añado un archivo nuevo al repositorio con git add.

```
● @javierdrp → /workspaces/hello-world (main) $ mkdir practica1
● @javierdrp → /workspaces/hello-world (main) $ echo test > practica1/newfile.txt
● @javierdrp → /workspaces/hello-world (main X) $ git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
  practica1/

nothing added to commit but untracked files present (use "git add" to track)
● @javierdrp → /workspaces/hello-world (main X) $ git add .
● @javierdrp → /workspaces/hello-world (main) $ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   practica1/newfile.txt
```

Para confirmar los cambios, utilizo git commit.

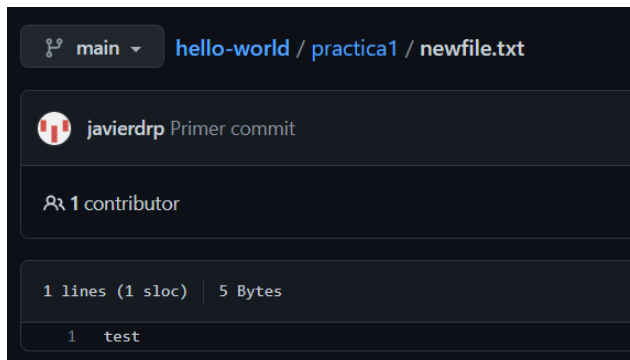
```
● @javierdrp →/workspaces/hello-world (main) $ git commit -m "Primer commit"
[main 5174d38] Primer commit
 1 file changed, 1 insertion(+)
 create mode 100644 practica1/newfile.txt
● @javierdrp →/workspaces/hello-world (main) $ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
```

Todavía no se han sincronizado los cambios en el repositorio online. Para actualizarlo, utilizo git push.

```
● @javierdrp →/workspaces/hello-world (main) $ git push origin main
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 2 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (4/4), 339 bytes | 339.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/javierdrp/hello-world
 48fe276..fde99a9  main -> main
● @javierdrp →/workspaces/hello-world (main) $ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
```



También puedo crear nuevas ramas y navegar entre ellas, muy útil cuando se está trabajando en equipo.

```
● @javierdrp →/workspaces/hello-world (main) $ git checkout -b feature/1
Switched to a new branch 'feature/1'

● @javierdrp →/workspaces/hello-world (feature/1) $ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
```

Instalación de Java, Maven, Docker y VSCode:

```
C:\Users\JavierDRP>java --version
java 17.0.6 2023-01-17 LTS
Java(TM) SE Runtime Environment (build 17.0.6+9-LTS-190)
Java HotSpot(TM) 64-Bit Server VM (build 17.0.6+9-LTS-190, mixed mode, sharing)

C:\Users\JavierDRP>mvn --version
Apache Maven 3.8.5 (3599d3414f046de2324203b78ddcf9b5e4388aa0)
Maven home: C:\Program Files (x86)\apache-maven-3.8.5
Java version: 16.0.2, vendor: Oracle Corporation, runtime: C:\Program Files\Java\jdk-16.0.2
Default locale: es_ES, platform encoding: Cp1252
OS name: "windows 10", version: "10.0", arch: "amd64", family: "windows"

C:\Users\JavierDRP>docker --version
Docker version 20.10.22, build 3a2c30b

C:\Users\JavierDRP>code --version
1.74.1
1ad8d514439d5077d2b0b7ee64d2ce82a9308e5a
x64
```