

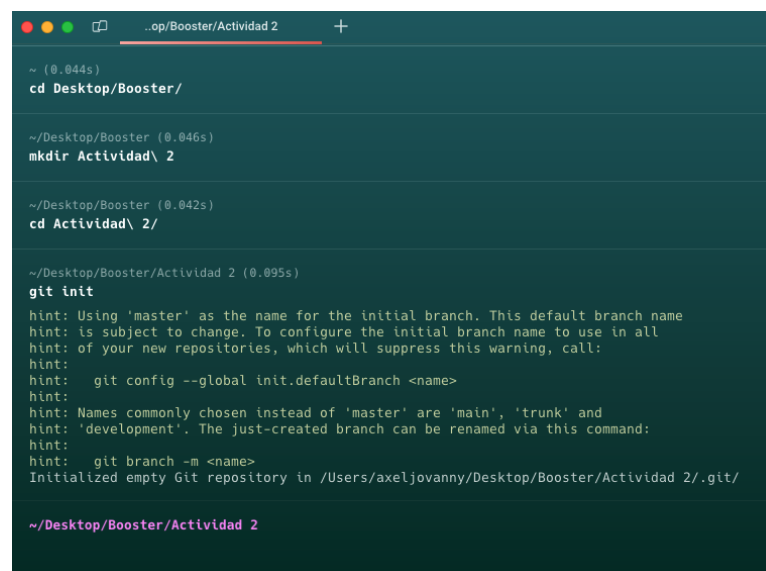
# Clase Git

## Actividad

**Desafío:** Realizar una serie de tareas utilizando Git para gestionar un repositorio de código. Cumple con los siguientes requisitos:

### 1. Inicializar el repositorio:

- Crea un nuevo repositorio Git en tu máquina local.



```
..op/Booster/Actividad 2 +
~ (0.044s)
cd Desktop/Booster/

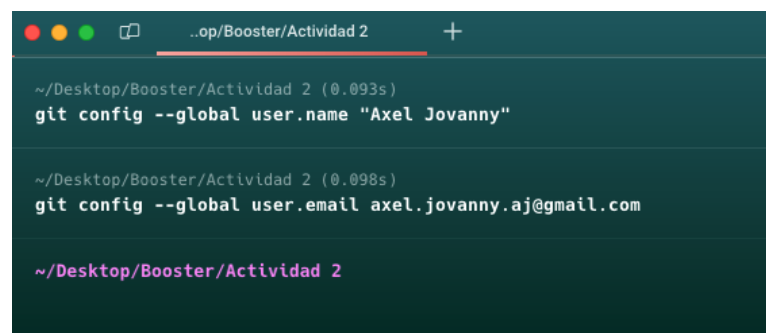
~/Desktop/Booster (0.046s)
mkdir Actividad\ 2

~/Desktop/Booster (0.042s)
cd Actividad\ 2/

~/Desktop/Booster/Actividad 2 (0.095s)
git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:     git config --global init.defaultBranch <name>
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:     git branch -m <name>
Initialized empty Git repository in /Users/axeljovanny/Desktop/Booster/Actividad 2/.git/

~/Desktop/Booster/Actividad 2
```

- Configura tu nombre de usuario y dirección de correo electrónico asociados al repositorio.



```
..op/Booster/Actividad 2 +
~/Desktop/Booster/Actividad 2 (0.093s)
git config --global user.name "Axel Jovanny"

~/Desktop/Booster/Actividad 2 (0.098s)
git config --global user.email axel.jovanny.aj@gmail.com

~/Desktop/Booster/Actividad 2
```

## 1. Realizar cambios y confirmaciones:

- Crea un archivo de texto simple y añade algunas líneas de código.
- Realiza al menos dos confirmaciones separadas para los cambios realizados.
- Asegúrate de agregar mensajes descriptivos y significativos a cada confirmación.

```
..op/Booster/Actividad 2 +
~/Desktop/Booster/Actividad 2 (56.606s)
nano Axel.txt

~/Desktop/Booster/Actividad 2 ±1 (0.053s)
cat Axel.txt
Hola esta es mi actividad en Git:
-
-
-
-

~/Desktop/Booster/Actividad 2 ±1 (0.093s)
git status
On branch master

No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)

~/Desktop/Booster/Actividad 2 ±1 (0.08s)
git add Axel.txt

~/Desktop/Booster/Actividad 2 ±1 (0.067s)
git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   Axel.txt

~/Desktop/Booster/Actividad 2 ±1 (0.14s)
git commit -m "Creamos Axel.txt con información inicial"
[master (root-commit) 28e00aa] Creamos Axel.txt con información inicial
1 file changed, 6 insertions(+)
create mode 100644 Axel.txt

~/Desktop/Booster/Actividad 2 git:(master) (0.114s)
git status
On branch master
nothing to commit, working tree clean

~/Desktop/Booster/Actividad 2 git:(master)
```

```
~/Desktop/Booster/Actividad 2 git:(master) (1m 29.44s)
nano Axel.txt

~/Desktop/Booster/Actividad 2 git:(master) ±1 (0.117s)
cat Axel.txt
Hola esta es mi actividad en Git:

- Inicializar Repo (Listo)
- Realizar cambios y confirmaciones (Listo)
- Ramificación y fusión
- Gestión de cambios remotos

~/Desktop/Booster/Actividad 2 git:(master) ±1 (0.08s)
git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   Axel.txt

no changes added to commit (use "git add" and/or "git commit -a")

~/Desktop/Booster/Actividad 2 git:(master) ±1 (0.075s)
git add Axel.txt

~/Desktop/Booster/Actividad 2 git:(master) ±1 (0.073s)
git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   Axel.txt

~/Desktop/Booster/Actividad 2 git:(master) ±1 (0.15s)
git commit -m "Modificamos los requisitos de la Actividad"
[master 17faa5a] Modificamos los requisitos de la Actividad
1 file changed, 4 insertions(+), 4 deletions(-)

~/Desktop/Booster/Actividad 2 git:(master) (0.103s)
git status
On branch master
nothing to commit, working tree clean

~/Desktop/Booster/Actividad 2 git:(master)
|
```

## 2. Ramificación y fusión:

- Crea una nueva rama llamada "feature".
- Realiza cambios adicionales en la rama "feature".
- Fusiona la rama "feature" con la rama principal (*por ejemplo, "main" o "master"*).

```
..op/Booster/Actividad 2 +
~/Desktop/Booster/Actividad 2 git:(master) (0.091s)
git branch feature

~/Desktop/Booster/Actividad 2 git:(master) (0.099s)
git checkout feature
Switched to branch 'feature'

~/Desktop/Booster/Actividad 2 git:(feature) (41.167s)
nano Axel.txt

~/Desktop/Booster/Actividad 2 git:(feature) ±1 (0.065s)
cat Axel.txt
Hola esta es mi actividad en Git:

- Inicializar Repo (Listo)
- Realizar cambios y confirmaciones (Listo)
- Ramificación y fusión (En proceso)
- Gestión de cambios remotos

Axel Jovanny Quintero Trujillo

~/Desktop/Booster/Actividad 2 git:(feature) ±1 (0.085s)
git add Axel.txt

~/Desktop/Booster/Actividad 2 git:(feature) ±1 (0.121s)
git commit -m "Actualizamos requisitos y añadimos Autor"
[feature 8b40a77] Actualizamos requisitos y añadimos Autor
1 file changed, 4 insertions(+), 1 deletion(-)

~/Desktop/Booster/Actividad 2 git:(feature) (0.133s)
git checkout master
Switched to branch 'master'

~/Desktop/Booster/Actividad 2 git:(master) (0.143s)
git merge feature
Updating 17faa5a..8b40a77
Fast-forward
 Axel.txt | 5 ++++-
1 file changed, 4 insertions(+), 1 deletion(-)

~/Desktop/Booster/Actividad 2 git:(master) (0.116s)
git status
On branch master
nothing to commit, working tree clean

~/Desktop/Booster/Actividad 2 git:(master)
|
```

### 3. Gestión de cambios remotos:

- Crea un repositorio vacío en una plataforma de alojamiento de Git, como GitHub o GitLab.

## Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository](#).

Required fields are marked with an asterisk (\*).


### Repository template

No template ▾

Start your repository with a template repository's contents.

---

**Owner \*** **Repository name \***


 axeljovanny ▾ /


✔ Actividad-git is available.

Great repository names are short and memorable. Need inspiration? How about [miniature-umbrella](#) ?

**Description** (optional)

---

☒  **Public**  
Anyone on the internet can see this repository. You choose who can commit.

☐  **Private**  
You choose who can see and commit to this repository.

---

**Initialize this repository with:**

☐ **Add a README file**  
This is where you can write a long description for your project. [Learn more about READMEs](#).

**Add .gitignore**

.gitignore template: **None** ▾


Choose which files not to track from a list of templates. [Learn more about ignoring files](#).

**Choose a license**

License: **None** ▾

A license tells others what they can and can't do with your code. [Learn more about licenses](#).

---

 You are creating a public repository in your personal account.

[Create repository](#)

- Configura el repositorio remoto como origen para tu repositorio local.
- Envía los cambios locales al repositorio remoto.

```
~/Desktop/Booster/Actividad 2 git:(master) (0.111s)
git remote add origin https://github.com/axeljovanny/Actividad-git.git

~/Desktop/Booster/Actividad 2 git:(master) (0.08s)
git remote -v
origin https://github.com/axeljovanny/Actividad-git.git (fetch)
origin https://github.com/axeljovanny/Actividad-git.git (push)

~/Desktop/Booster/Actividad 2 git:(master) (0.161s)
git push -u origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/axeljovanny/Actividad-git.git'

~/Desktop/Booster/Actividad 2 git:(master) (2m 30.27s)
git push -u origin master
Username for 'https://github.com': axeljovanny
Password for 'https://axeljovanny@github.com':
remote: Support for password authentication was removed on August 13, 2021.
remote: Please see https://docs.github.com/en/get-started/getting-started-with-git/about-remote-repositories#cloning-with-https-urls for information on currently recommended modes of authentication.
fatal: Authentication failed for 'https://github.com/axeljovanny/Actividad-git.git/'

~/Desktop/Booster/Actividad 2 git:(master) (12.095s)
git push -u origin master
Username for 'https://github.com': axeljovanny
Password for 'https://axeljovanny@github.com':
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 4 threads
Compressing objects: 100% (5/5), done.

~/Desktop/Booster/Actividad 2 git:(master)
```

- Subir actividades al repositorio

