

Documentacion David Lopez

Ra5

1.Git

Fui a la pagina oficial de git y me lo instale desde ahí

Y la cuenta en github ya la tenia pero la verifique

```
MINGW64:/c/Users/HOME
HOME@DESKTOP-N2FSL0P MINGW64 ~
$ git config --global user.name "Frostsstst"

HOME@DESKTOP-N2FSL0P MINGW64 ~
$ git config --global user.email "davidlopezjimenez18@gmail.com"
```

```
HOME@DESKTOP-N2FSL0P MINGW64 ~
$ git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=schannel
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
gui.recentrepo=C:/Users/HOME/documentacion.md
user.name=Frostsstst
user.email=davidlopezjimenez18@gmail.com

HOME@DESKTOP-N2FSL0P MINGW64 ~
$ |
```

2.Repositorio local

Aquí cree el repositorio y el archivo README.md

```
MINGW64~/c:/Users/HOME/miPrimerRepositorio_DavidLopez
HOME@DESKTOP-N2FSL0P MINGW64 ~
$ touch documentacion.md
HOME@DESKTOP-N2FSL0P MINGW64 ~
$ mkdir miPrimerRepositorio_DavidLopez
HOME@DESKTOP-N2FSL0P MINGW64 ~
$ cd miPrimerRepositorio_DavidLopez
HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez
$ git init
initialized empty Git repository in C:/Users/HOME/miPrimerRepositorio_DavidLopez/.git/
HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (master)
$ echo "# Mi primer repositorio" > README.md
HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (master)
$ git add README.md
warning: in the working copy of 'README.md', LF will be replaced by CRLF the next time Git touches it
HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (master)
$ git commit -m "Primer commit :Creacion del README"
master (root-commit) dded331] Primer commit :Creacion del README
1 file changed, 1 insertion(+)
create mode 100644 README.md
HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (master)
$ |
```

Añadir y confirmar cambios

```
MINGW64~/c:/Users/HOME/miPrimerRepositorio_DavidLopez
HOME@DESKTOP-N2FSL0P MINGW64 ~
$ touch documentacion.md
HOME@DESKTOP-N2FSL0P MINGW64 ~
$ mkdir miPrimerRepositorio_DavidLopez
HOME@DESKTOP-N2FSL0P MINGW64 ~
$ cd miPrimerRepositorio_DavidLopez
HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez
$ git init
Initialized empty Git repository in C:/Users/HOME/miPrimerRepositorio_DavidLopez/.git/
HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (master)
$ echo "# Mi primer repositorio" > README.md
HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (master)
$ |
```

Los comandos usados

git init inicia un repositorio en el directorio

git add añade los archivos especificados a la fase de stage

git commit -m [message] confirma los cambios en stage con un mensaje

3 Github

Creo el repositorio necesario

New repository

github.com/new

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 (*).

Owner * Repository name *

Frostsstst / MyprimerRepositorio_Dav

MyprimerRepositorio_DavidLopez is available.

Great repository names are short and memorable. Need inspiration? How about [cuddly-octo-fortnight](#) ?

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

Copio el link(lo he tenido que hacer con otra captura)

Set up GitHub Copilot
Use GitHub's AI pair programmer to autocomplete suggestions as you code.
[Get started with GitHub Copilot](#)

Add collaborators to this repository
Search for people using their GitHub username or email address.
[Invite collaborators](#)

Quick setup — if you've done this kind of thing before
[Set up in Desktop](#) or [HTTPS](#) [SSH](#) https://github.com/Frostsstst/MiPrimerRepositorio_David.git
Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line


```
echo "# MiPrimerRepositorio_David" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/Frostsstst/MiPrimerRepositorio_David.git
git push -u origin main
```

...or push an existing repository from the command line

```
git remote add origin https://github.com/Frostsstst/MiPrimerRepositorio_David.git
git branch -M main
git push -u origin main
```

ProTip! Use the URL for this page when adding GitHub as a remote.

[Terms](#) [Privacy](#) [Security](#) [Status](#) [Docs](#) [Contact](#) [Manage cookies](#) [Do not share my personal information](#)

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Lo pego en el repositorio local

```
HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (master)
$ git remote add origin https://github.com/Frostsstst/MiPrimerRepositorio_DavidLopez.git

HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (master)
$ .....
```

```
HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (main)
$ git push origin main
info: please complete authentication in your browser...
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 264 bytes | 264.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Frostsstst/MiPrimerRepositorio_DavidLopez.git
 * [new branch]      main -> main

HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (main)
$ .....
```

4. RAMAS

Cambiar de rama

```
HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (main)
$ git branch dev

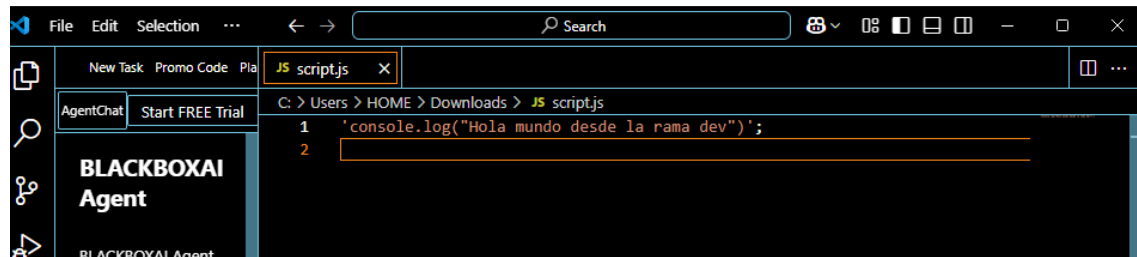
HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (main)
$ git checkout dev
Switched to branch 'dev'

HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (dev)
$ |
```

Cambios en la rama dev

```
HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (dev)
$ echo 'console.log("Hola mundo desde la rama dev");' > script.js

HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (dev)
$
```



```
HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (dev)
$ git add script.js
warning: in the working copy of 'script.js', LF will be replaced by CRLF the next time Git touches it

HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (dev)
$ git commit -m "añadir script.js en la rama dev"
[dev b94b580] añadir script.js en la rama dev
1 file changed, 1 insertion(+)
create mode 100644 script.js
```

Fusionar ramas

```
HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (dev)
$ git checkout main
Switched to branch 'main'

HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (main)
$ git merge dev
Updating dded331..b94b580
Fast-forward
 script.js | 1 +
1 file changed, 1 insertion(+)
create mode 100644 script.js

HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (main)
$ |
```

Para crear una rama utilizamos:

```
git branch [main]
```

Esto, crea una nueva rama

Para viajar a otra rama, simplemente hacemos:

```
git switch [dev]
```

Si realizamos cambios en ella, podemos luego viajar a otra rama, y traer esos cambios usando:

```
git merge [main]
```

5 descargar cambios

Actualizar

```
HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (dev)
$ echo 'console.log("Hola desde la rama dev"); >script.js
> git commit -am "modificar script.js en dev"
>
>
> ^C
```

The screenshot shows a web browser displaying the GitHub repository page for 'Frostsstst / MiPrimerRepositorio_DavidLopez'. The repository is on the 'main' branch. The selected file is 'README.md', which has 2 lines of code and 78 bytes. The file content is displayed in a preview mode, showing the title 'Mi primer repositorio' and a message: 'Este es un cambio hecho desde GitHub por David Lopez.' The interface includes navigation tabs for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The file history shows a commit by Frostsstst with the message '6187c80 · now'.

```
HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (main)
$ git merge dev
Already up to date.

HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (main)
$
```

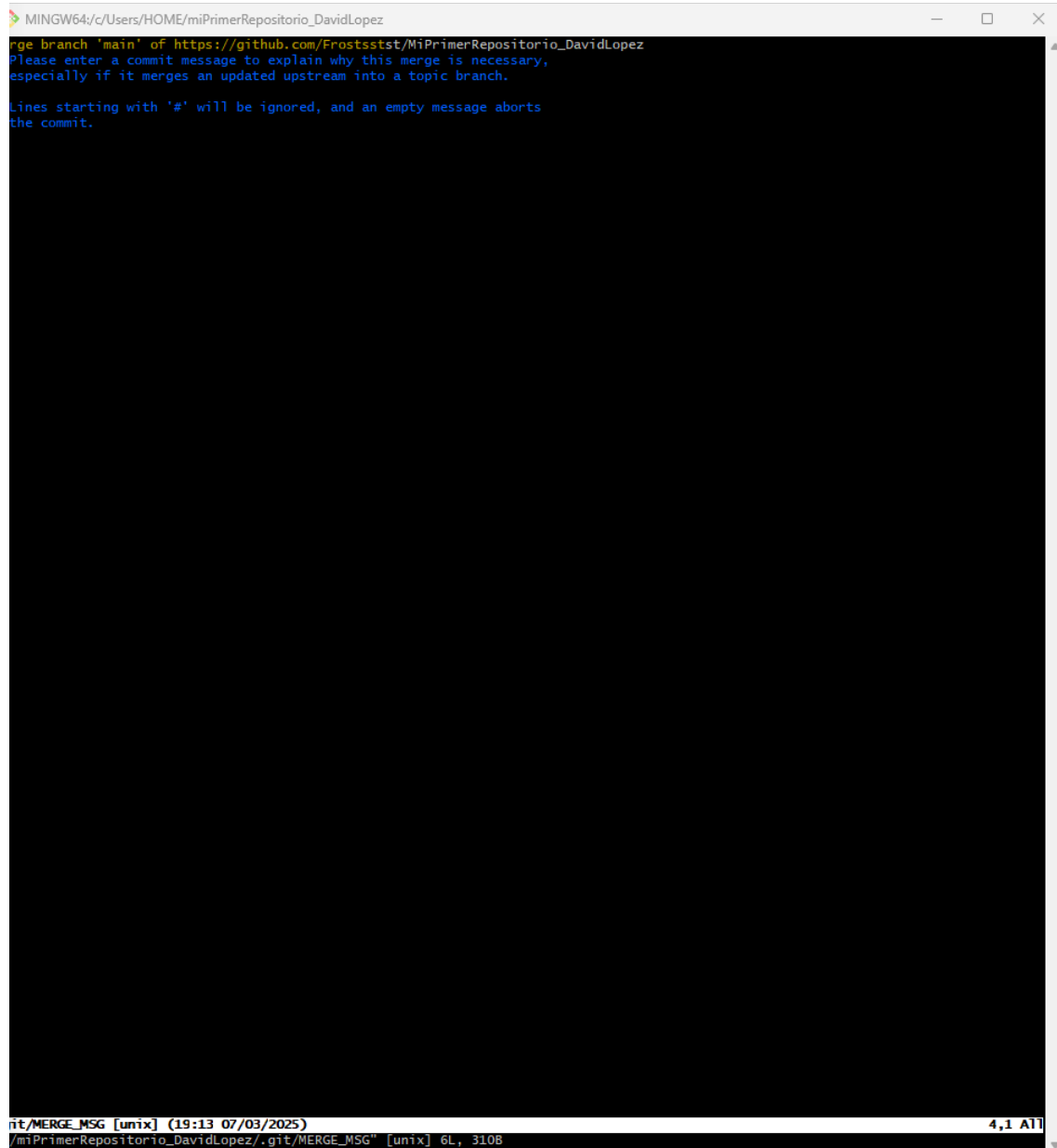
6Resolucion de conflictos

Creo conflictos

```
HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (main)
$ git add script.js

HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (main)
$ git commit -m "Resolver conflicto en script.js"
On branch main
nothing to commit, working tree clean

HOME@DESKTOP-N2FSL0P MINGW64 ~/miPrimerRepositorio_DavidLopez (main)
$
```



The screenshot shows a Windows terminal window with the title bar "MINGW64/c/Users/HOME/miPrimerRepositorio_DavidLopez". The terminal content is as follows:

```
merge branch 'main' of https://github.com/Frostsstst/MiPrimerRepositorio_DavidLopez
Please enter a commit message to explain why this merge is necessary,
especially if it merges an updated upstream into a topic branch.

Lines starting with '#' will be ignored, and an empty message aborts
the commit.
```

The terminal is mostly black with some text visible at the bottom. The status bar at the bottom of the terminal window shows:

```
git/MERGE_MSG [unix] (19:13 07/03/2025) 4,1 All
~/miPrimerRepositorio_DavidLopez/.git/MERGE_MSG" [unix] 6L, 310B
```