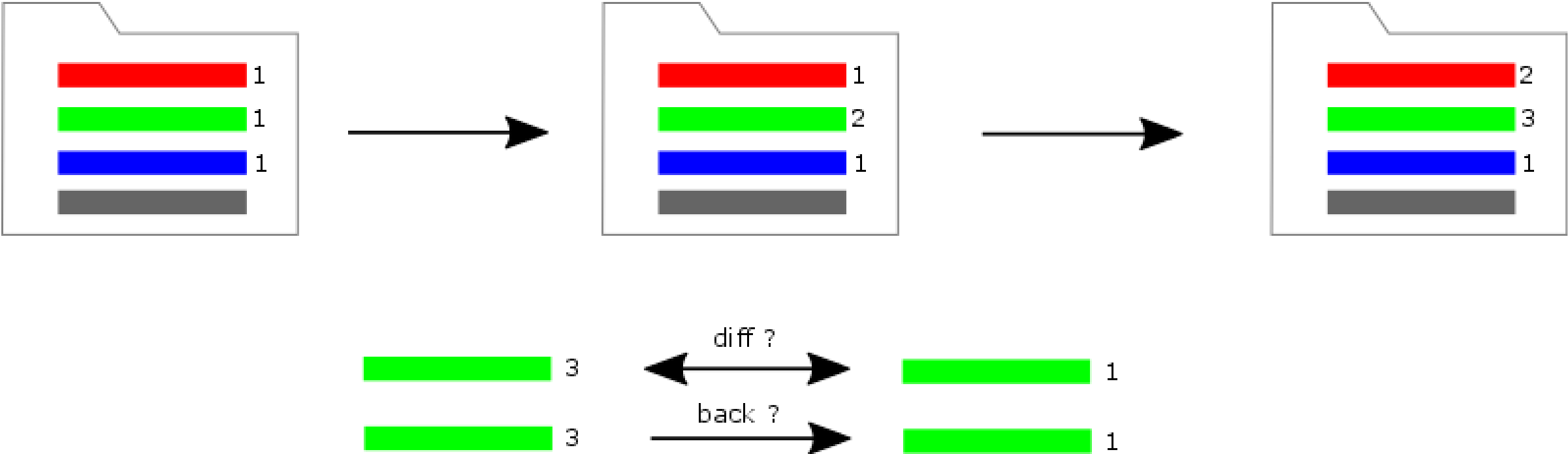


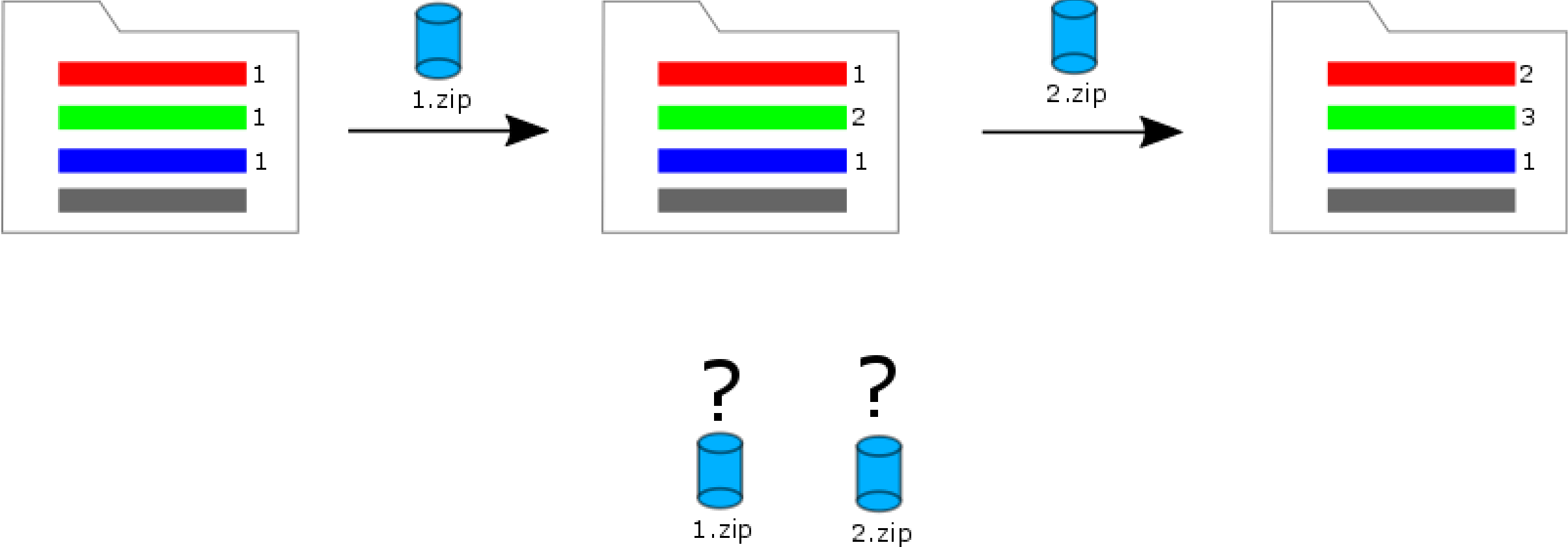
Objetivo repositorio Git

- Llevar registro de cambios en un Proyecto
- Simplificar coordinación entre personas
- Manejar divergencias (múltiples usuarios o múltiples desarrollos)

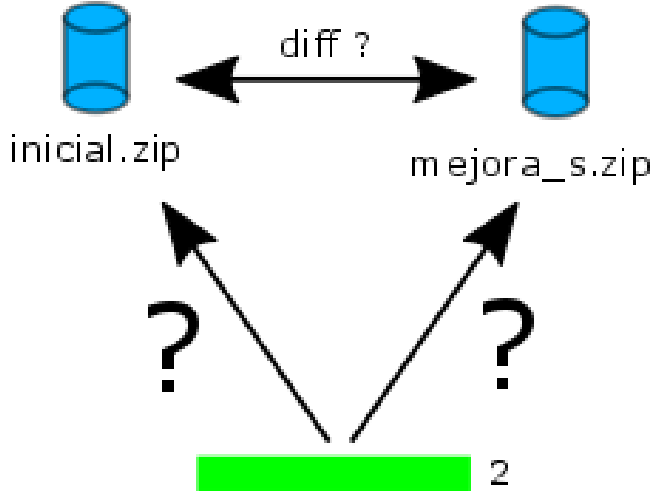
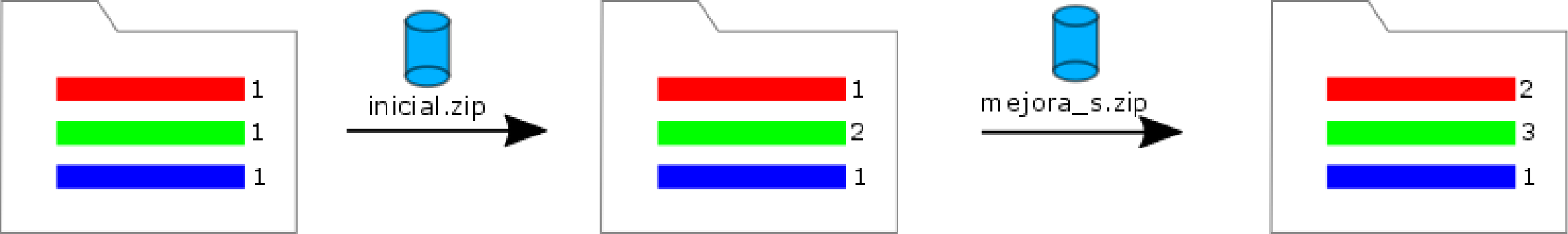
Historial de cambios en proyecto



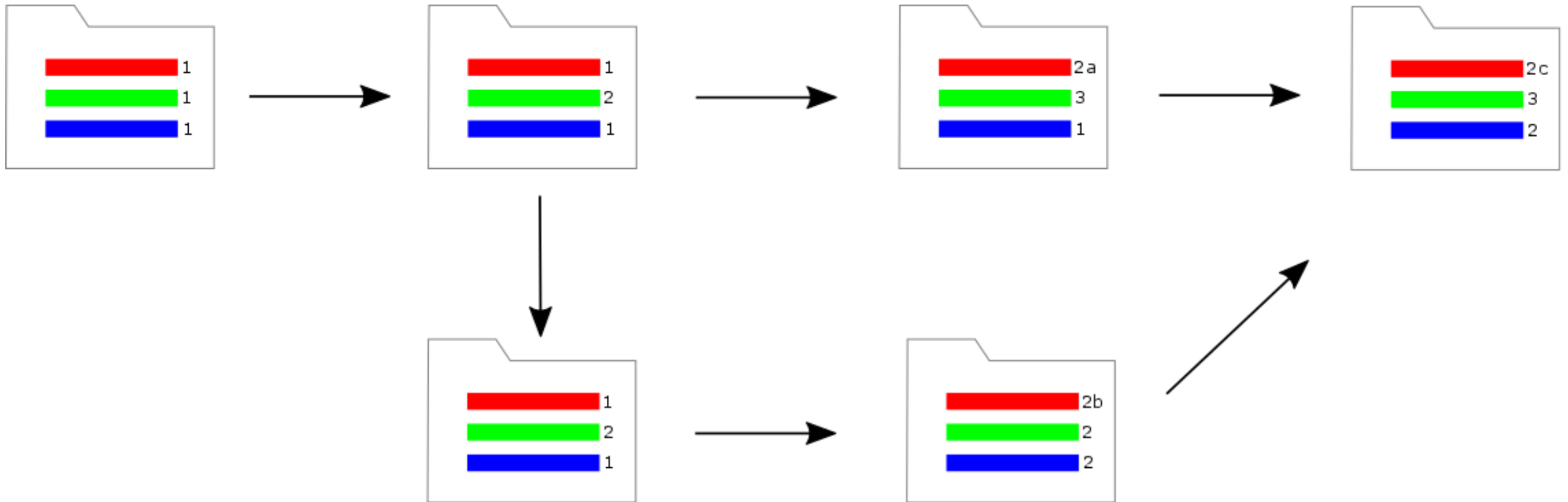
Historial de cambios en proyecto



Historial de cambios en proyecto



Divergencias en proyecto

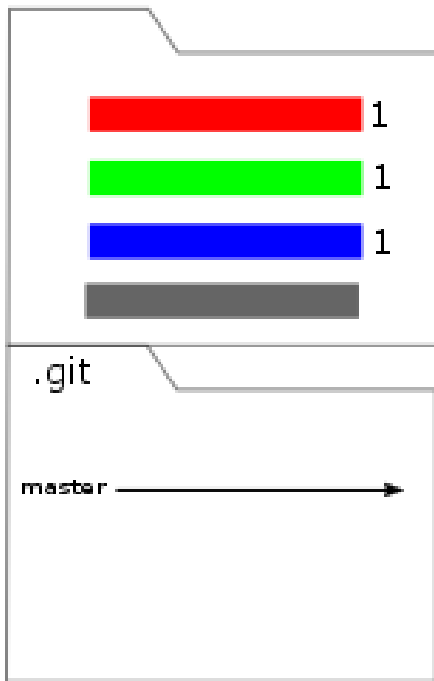


Glosario GIT

- Working directory: directorio de trabajo con mis archivos.
- Index: un indice Git contiene los archivos que iran en un commit.
- Poyecto Git: es el directorio .git oculto que contiene toda la metadata necesaria.

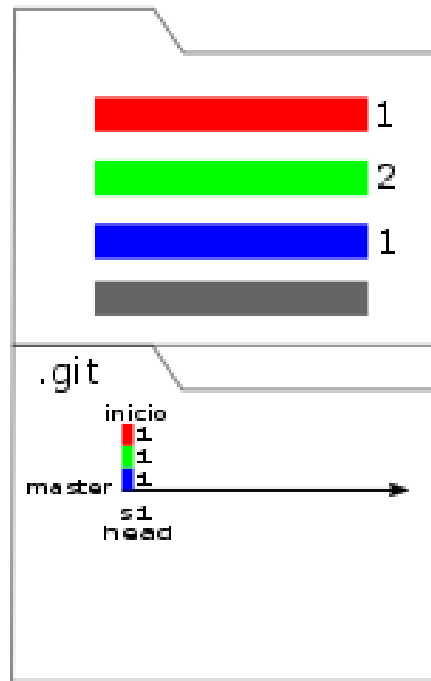
Flujo trabajo Git

1) git init



2) git add -a ■ ■ ■

3) git commit -m "inicio"

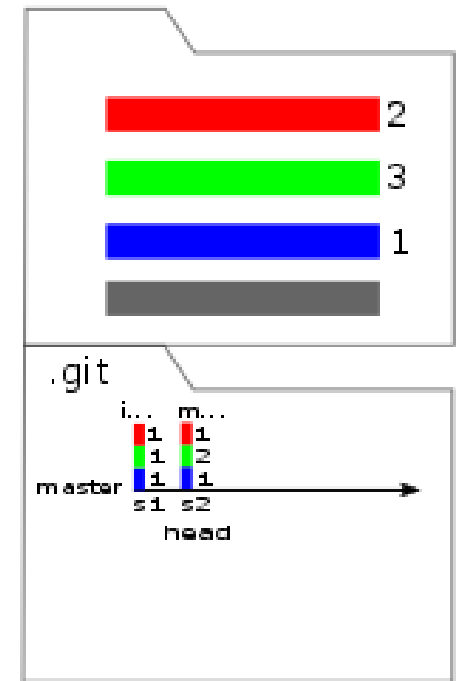


git status

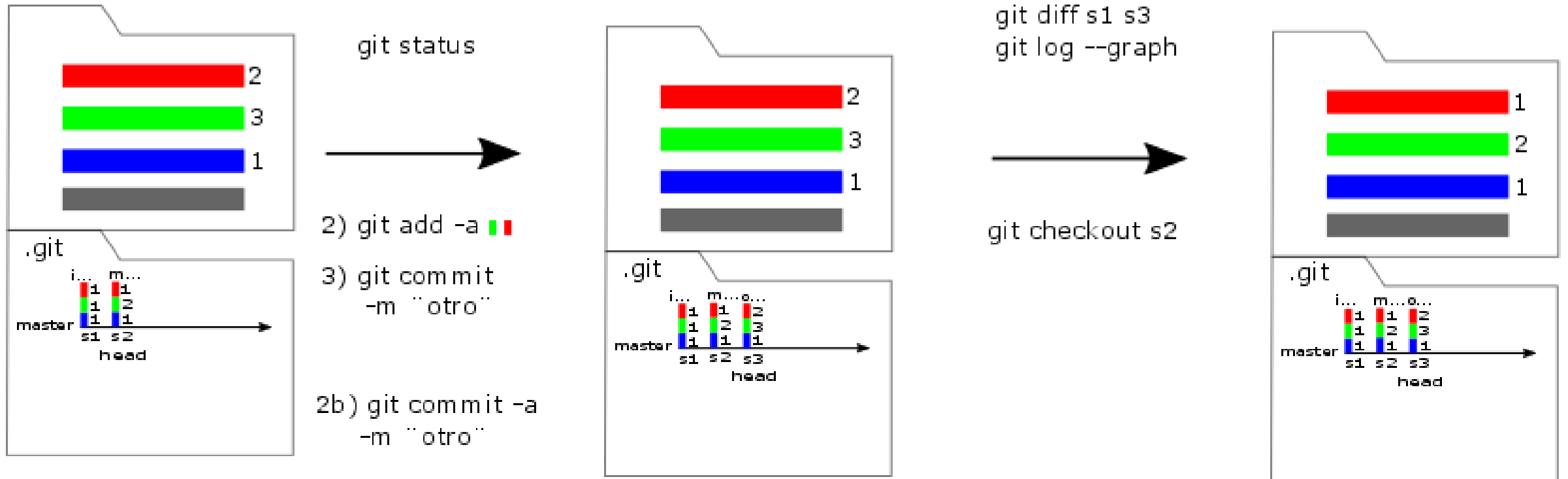
2) git add -a ■

3) git commit -m "mejora_s"

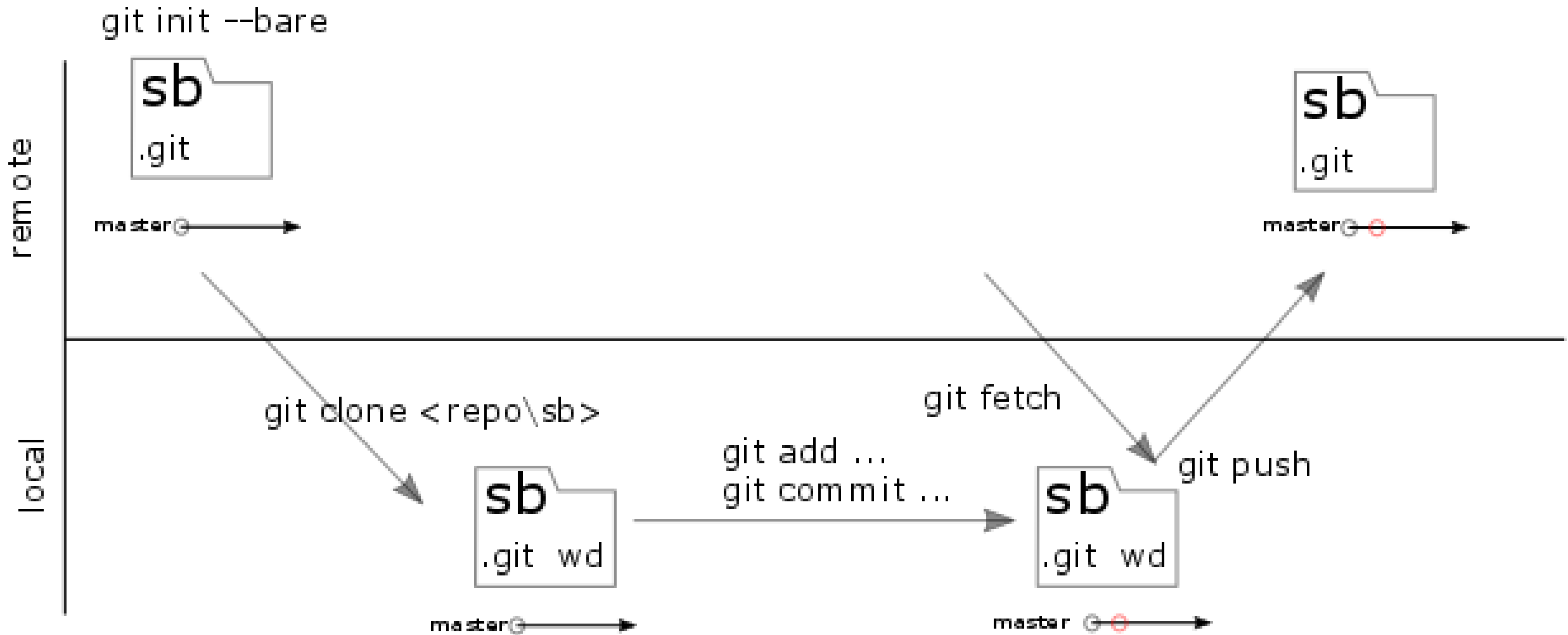
2b) git commit -a -m "mejora_s"



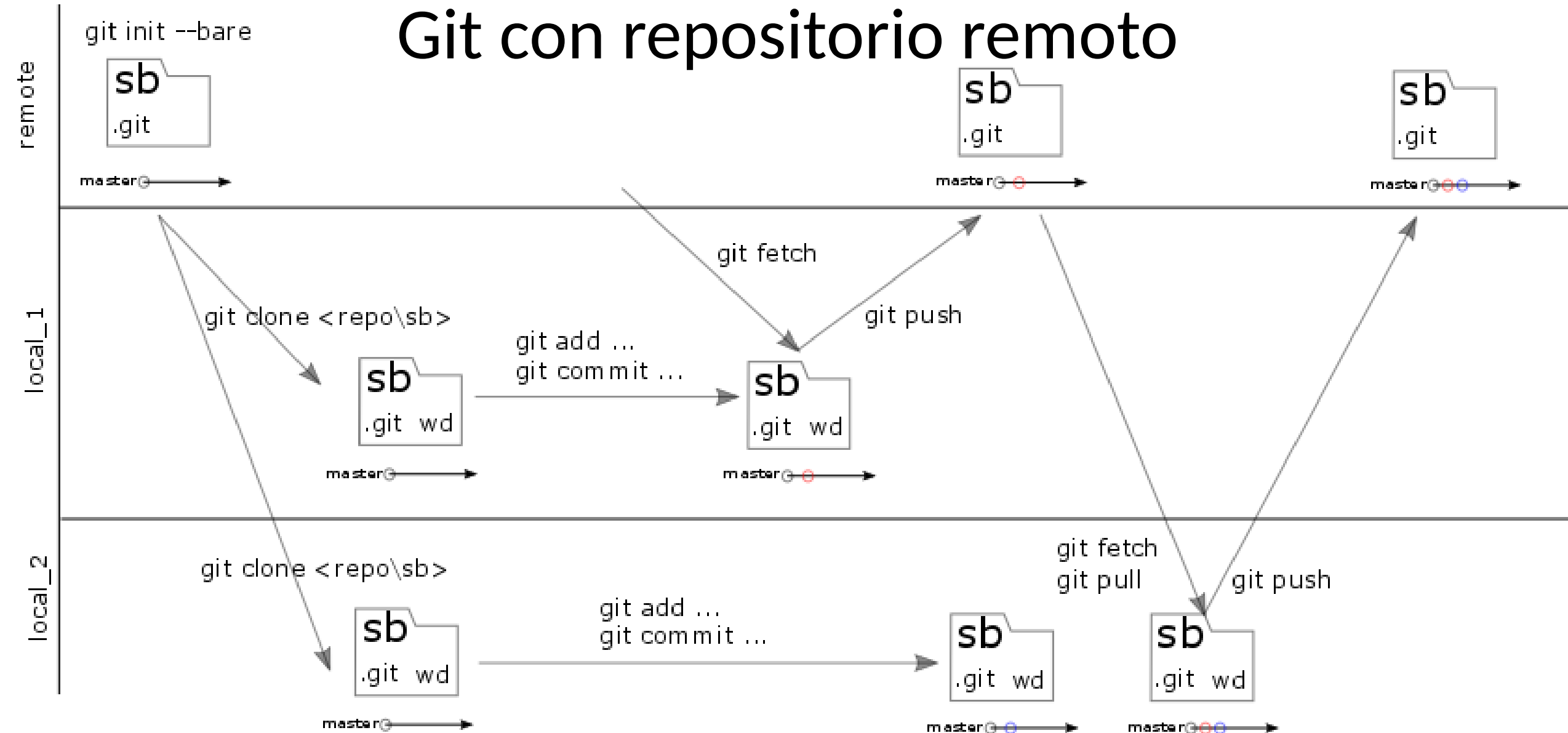
Flujo trabajo Git



Git con repository remoto



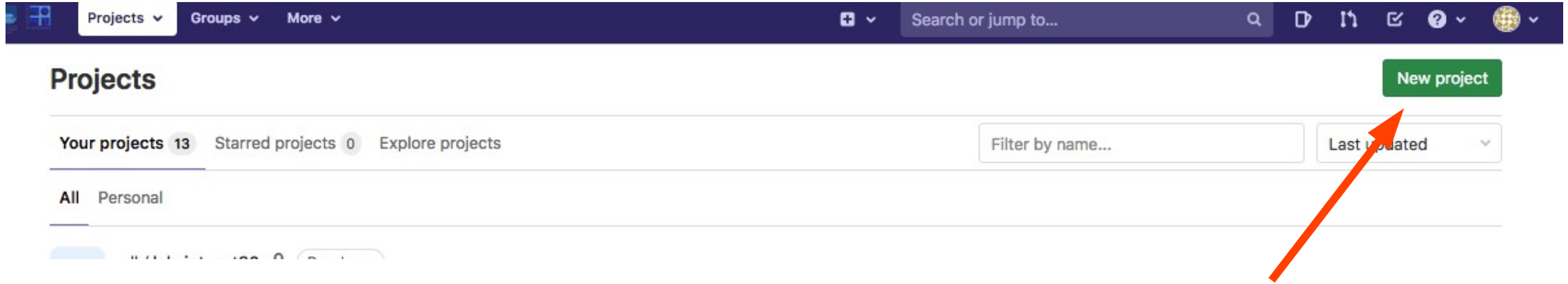
Git con repository remoto



Branch

Ejercicio

Crear repositorio en gitlab.fing.edu.uy



New project

A project is where you house your files (repository), plan your work (issues), and publish your documentation (wiki), [among other things](#).

All features are enabled for blank projects, from templates, or when importing, but you can disable them afterward in the project settings.

Information about additional Pages templates and how to install them can be found in our [Pages getting started guide](#).

Tip: You can also create a project from the command line. [Show command](#)

Blank project | Create from template | Import project

Project name
My awesome project

Project URL
https://gitlab.fing.edu.uy/ sebfer ▾

Project slug
my-awesome-project

Want to house several dependencies? [Create a group.](#)

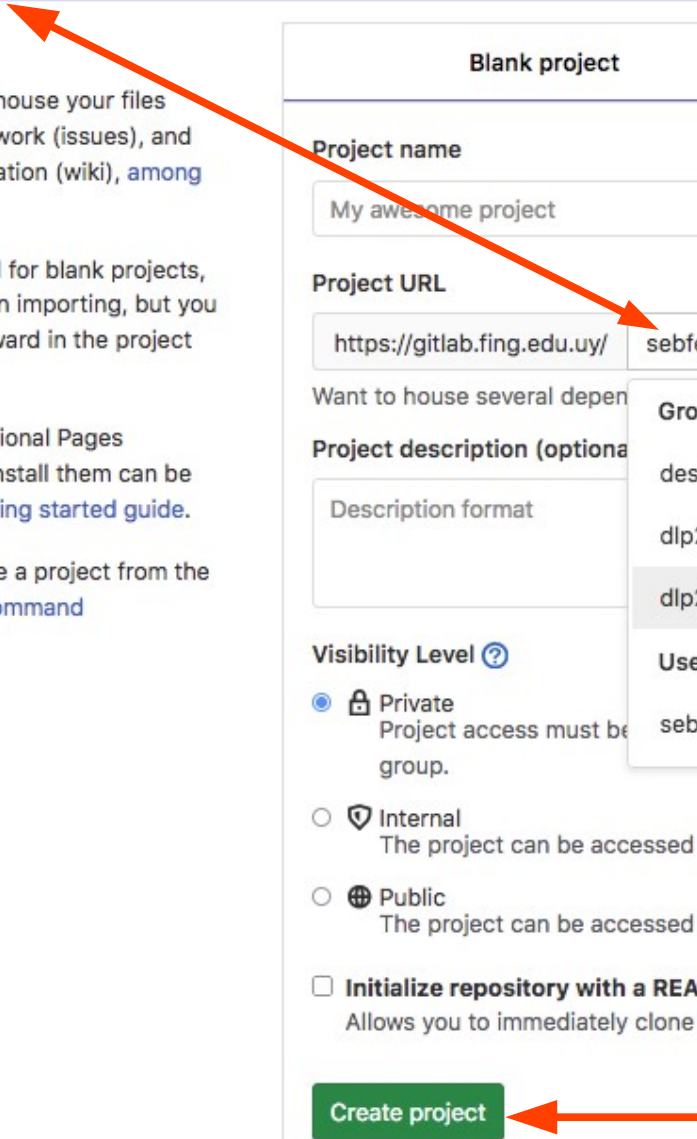
Project description (optional)
Description format

Visibility Level ⓘ

- Private
Project access must be granted to members of the group.
- Internal
The project can be accessed by any logged in user except external users.
- Public
The project can be accessed without any authentication.

Initialize repository with a README
Allows you to immediately clone this project's repository. Skip this if you plan to push up an existing repository.

Create project | Cancel

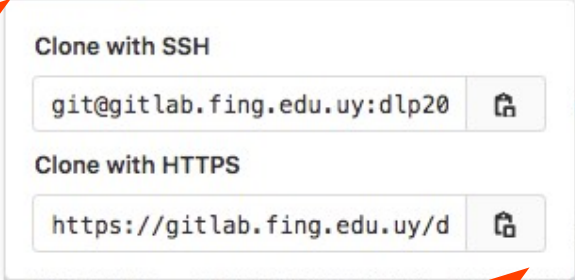


- Groups
- desinfeccion_uv
- dlp2020
- dlp2021
- Users
- sebfer


The repository for this project is empty

You can get started by cloning the repository or start adding files to it with one of the following options.


- Clone** ▾
- New file
- Add README
- Add LICENSE
- Add CHANGELOG
- Add CONTRIBUTING
- Set up CI/CD



Clone with SSH

git@gitlab.fing.edu.uy:dlp20 

Clone with HTTPS

https://gitlab.fing.edu.uy/d 

Note: Two red arrows point to the 'Clone' button and the HTTPS URL field.

Create a new repository

```
git clone https://gitlab.fing.edu.uy/dlp2021/sandbox.git
cd sandbox
touch README.md
git add README.md
git commit -m "add README"
git push -u origin master
```

Push an existing folder

```
cd existing_folder
git init
git remote add origin https://gitlab.fing.edu.uy/dlp2021/sandbox.git
git add .
git commit -m "Initial commit"
git push -u origin master
```

Push an existing Git repository

Información util

- Documentación oficial:
 - <https://git-scm.com/book/es/v2>
- Cheatsheet
 - <https://www.atlassian.com/git/tutorials/atlassian-git-cheatsheet>