Taller de GIT

Sesión 2

Nixvoid

Recordando los Comandos básicos

```
$git init

$git status

$git add

$git commit

$git log

$git checkout
```

Arreglar Commits

```
$git commit --amend
```

Deshacer Commits

```
$git reset
$git reset --hard
$git reset --soft
```

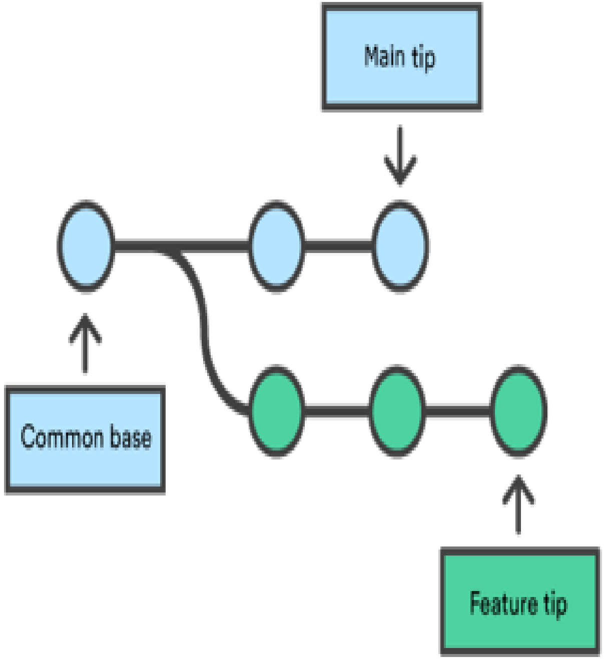
Git Diff

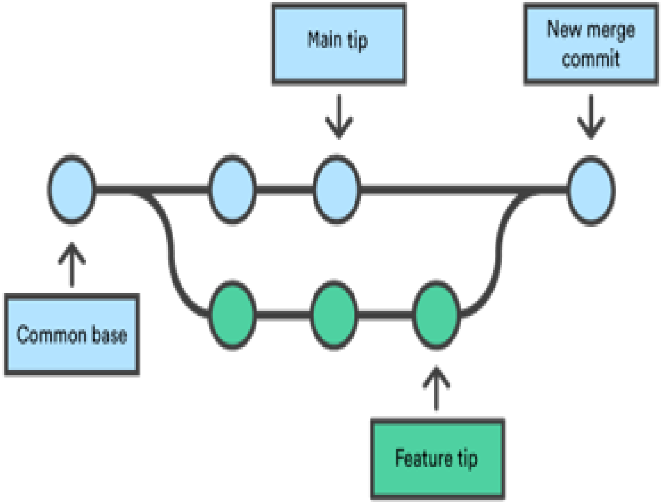
```
$git diff
```

Ejemplo

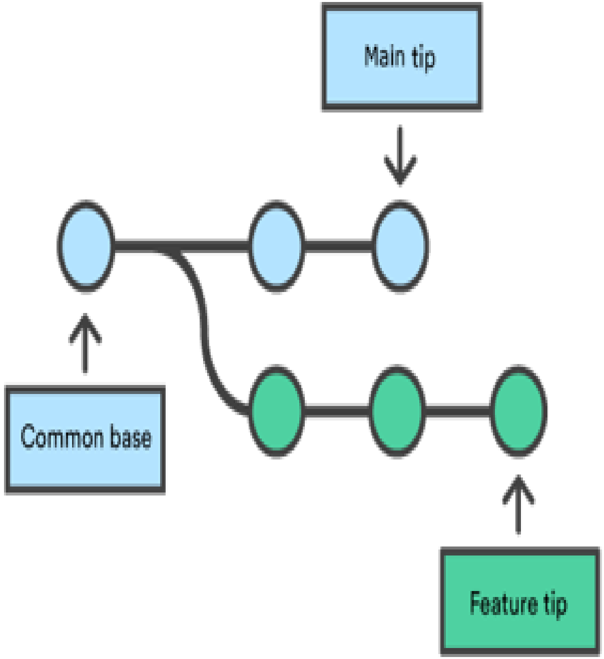
```
$git diff
diff --git a/first_file.txt b/first_file.txt
 index 0e3da6d..fe563b0 100644
 --- a/first_file.txt
 +++ b/first_file.txt
 @@ -1,4 +1,4 @@
 Este es mi primer mensaje:
 "Hola"
 Este es mi segundo mensaje:
 -"Versionar es muy divertido"
 +"Versionar es muy muy divertido"
```

Git merge


Main tip
Common base
Feature tip


Main tip
New merge commit
Common base
Feature tip

Git merge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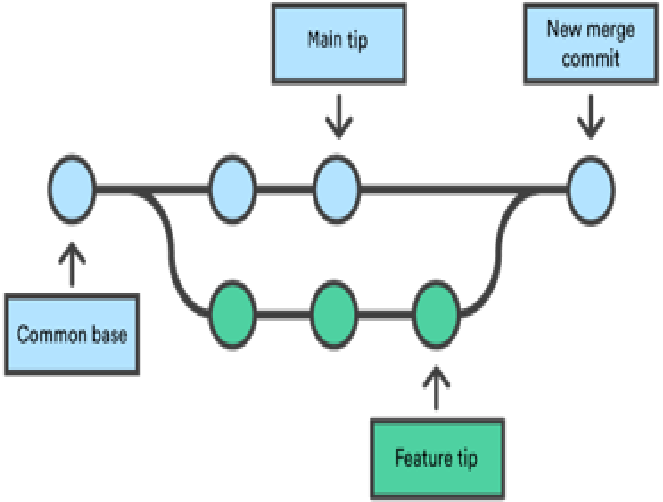
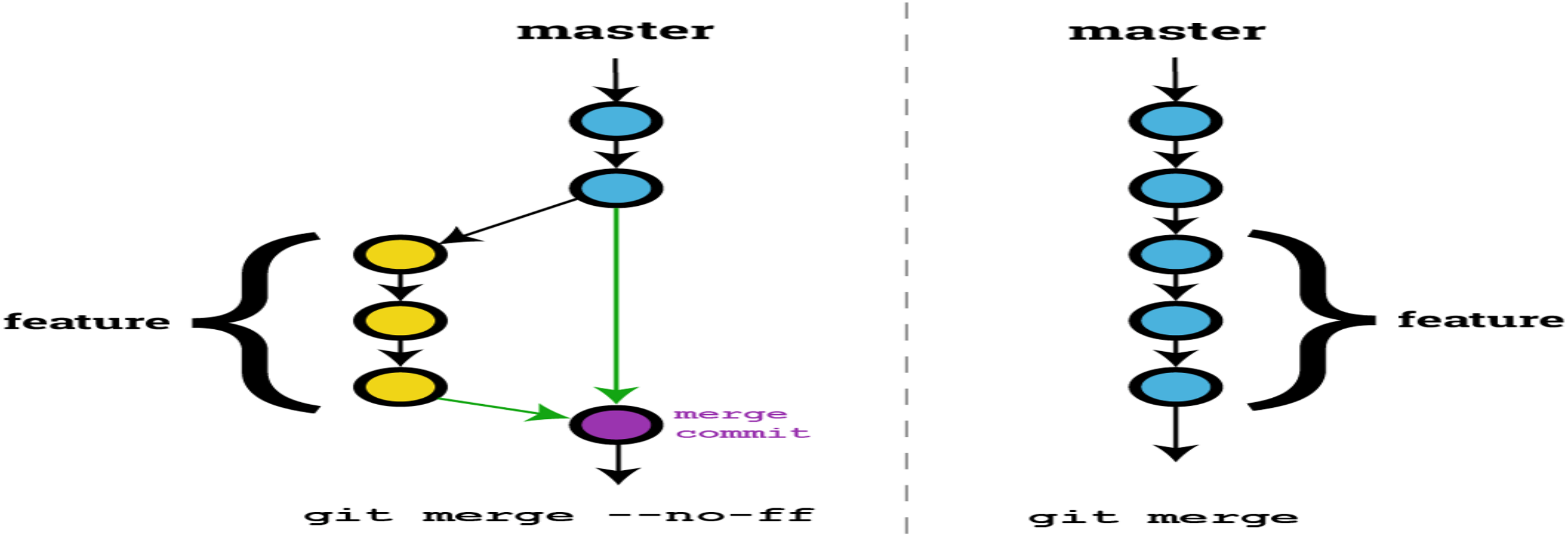

Main tip
New merge commit
Common base
Feature tip

Tipos de Merge

- Fast Forward Merge

- 3-Way-Merge

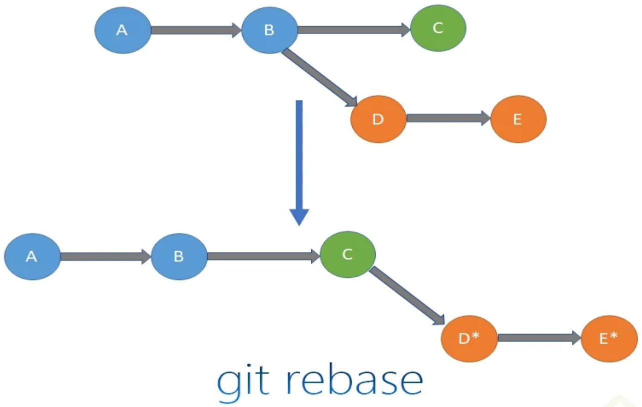


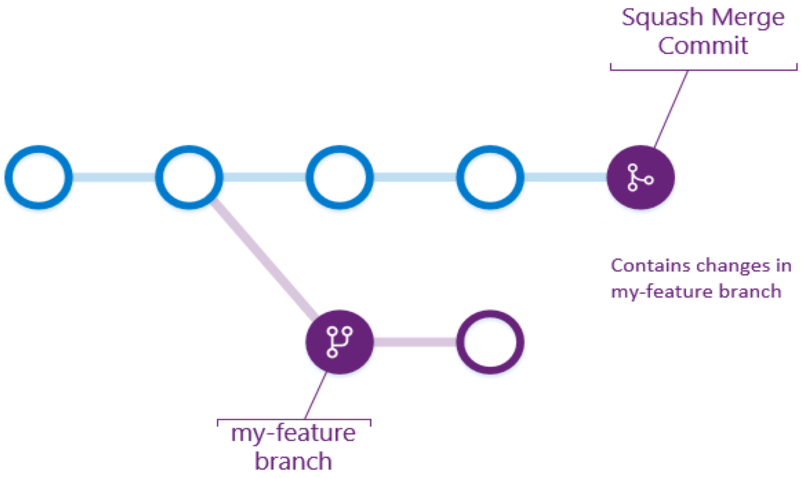
```
git merge --no-ff
```

```
git merge
```

Tipos de Merge

- Squash Merge
- Rebase & Merge





Comandos para hacer Merge

```
$git checkout master / ForMergeBranch

$git merge MergingBranch

$git branch -d MergingBranch

$git merge --abort

$git merge --no-ff

$git merge --squash
```

GitHub - GitLab - BitBucket

- GitHub Link
- GitLab Link
- BitBucket Link

Clonar un repositorio en GitHub

- Desde linea de comandos vía https

```
$git clone https://github.com/<userName>/<repoName>.git
```

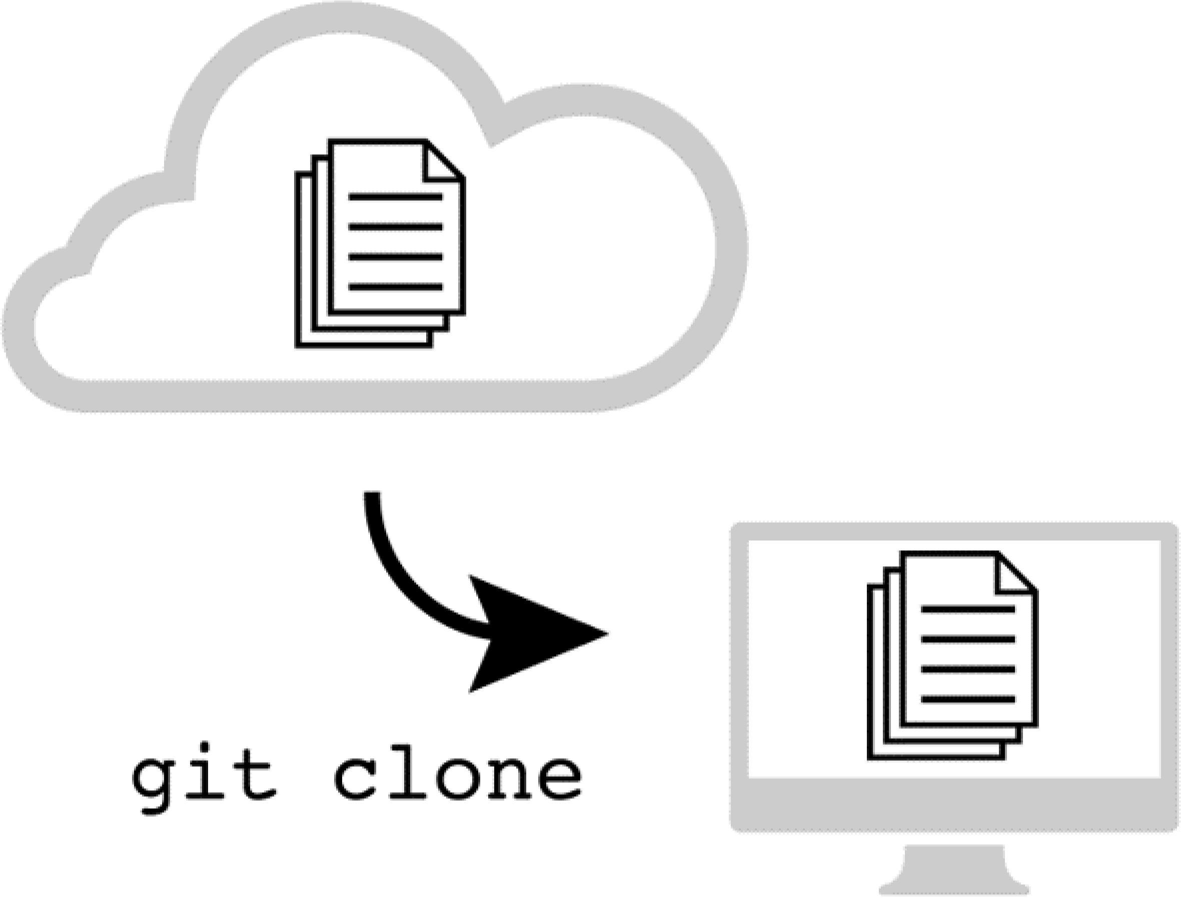
- Desde linea de comandos vía SSH

```
$git clone git@github.com:<userName>/<repoName>.git
```

- Usando githubDesktop

- Descargar el repositorio (comprimido)

- Usando GitHubCLI

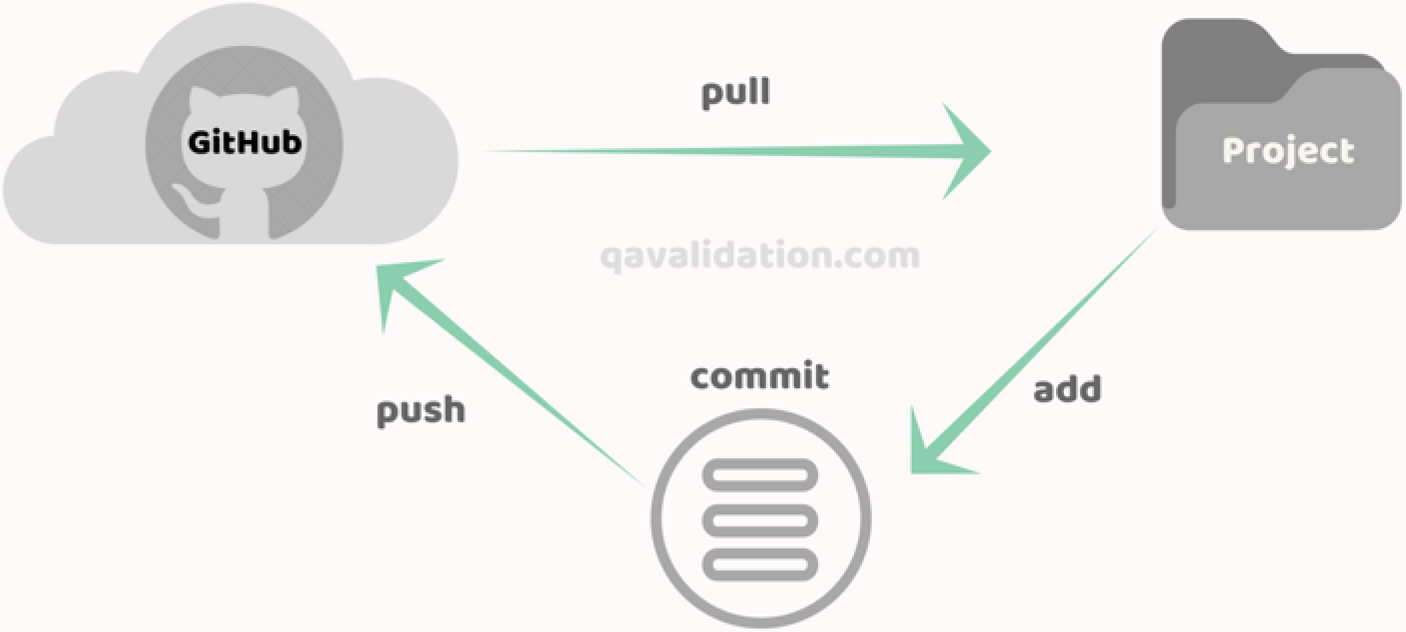


```
git clone
```

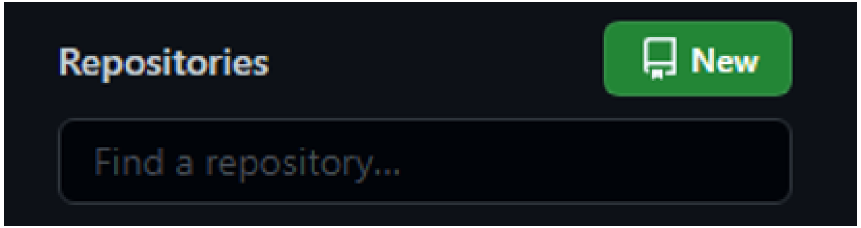
Comandos para trabajar con remotos

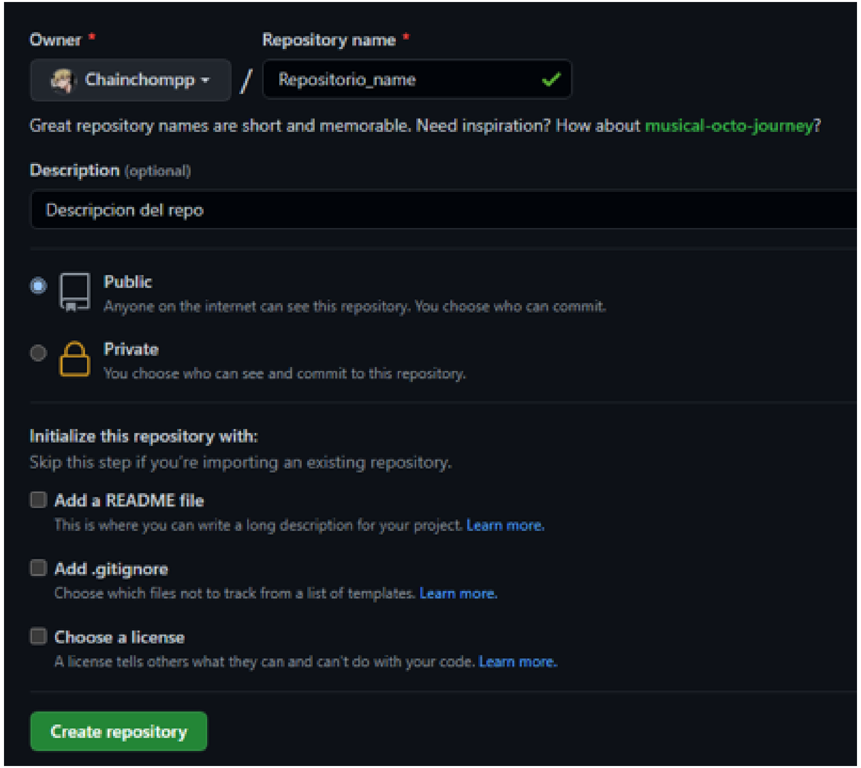
```
$git remote add <remoteName> <remoteUrl>

$git remote

$git remote remove <remoteName>

$git remote rename <oldName> <newName>

$git push <remoteName> <branchName>

$git pull

$git fetch
```

Git PUSH PULL



Crear repositorios en GitHub





Owner * Repository name *

Chainchompp / Repositorio_name ✓

Great repository names are short and memorable. Need inspiration? How about musical-octo-journey?

Description (optional)

Descripcion del repo

● 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:
Skip this step if you're importing an existing repository.

□ Add a README file
This is where you can write a long description for your project. Learn more.

□ Add .gitignore
Choose which files not to track from a list of templates. Learn more.

□ Choose a license
A license tells others what they can and can't do with your code. Learn more.

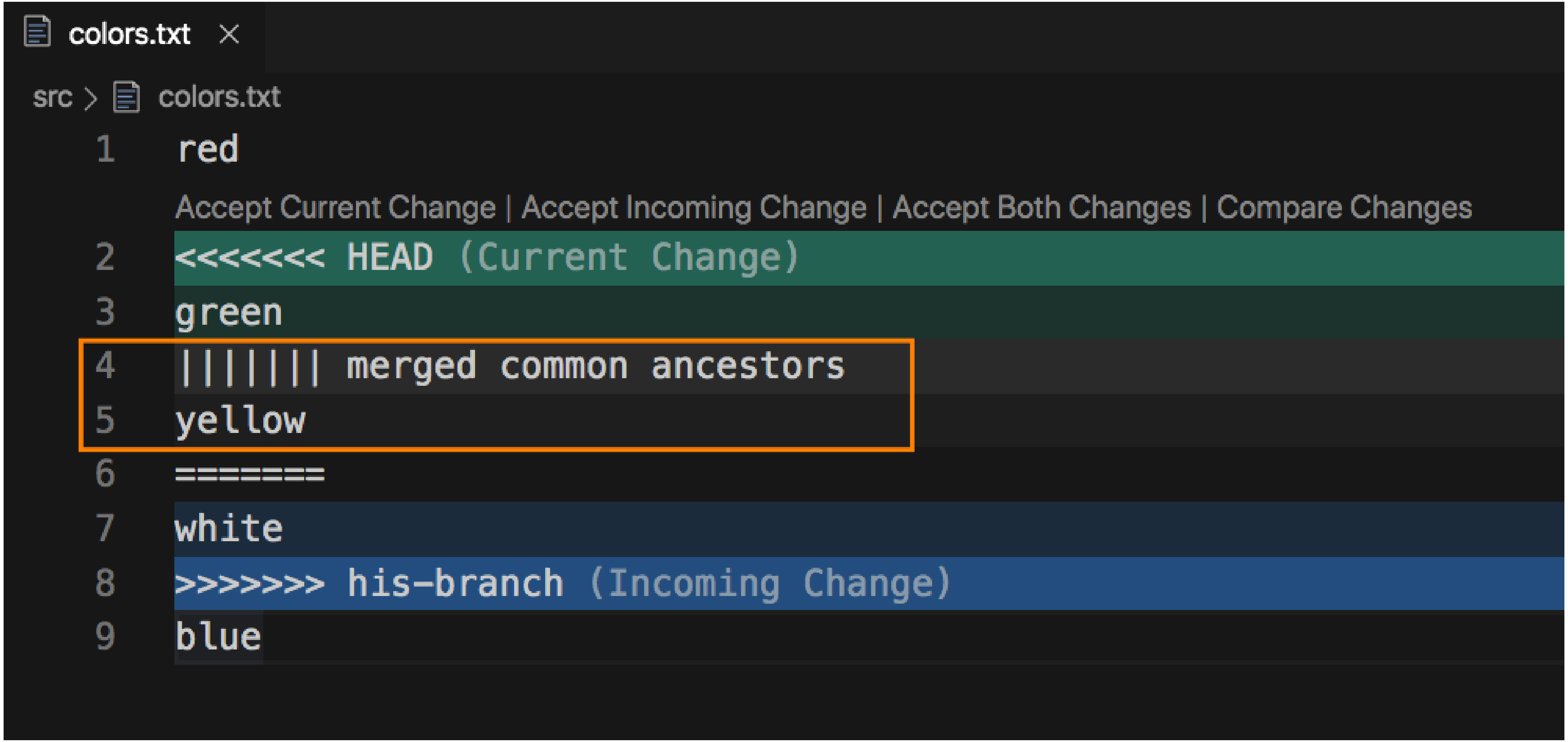
Cambiar ramas remotas

```
$git branch -m oldName newName

$git push --set-upstream remoteName newName

$git push origin --delete oldName
```

Arreglar commits remotos

```
$git revert
```

Git Merge Conflicts



colors.txt
src > colors.txt
Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes

```
red
<<<<<<< HEAD (Current Change)
green
||||||| merged common ancestors
yellow
=======
white
>>>>>>> his-branch (Incoming Change)
blue
```