



# GitHub



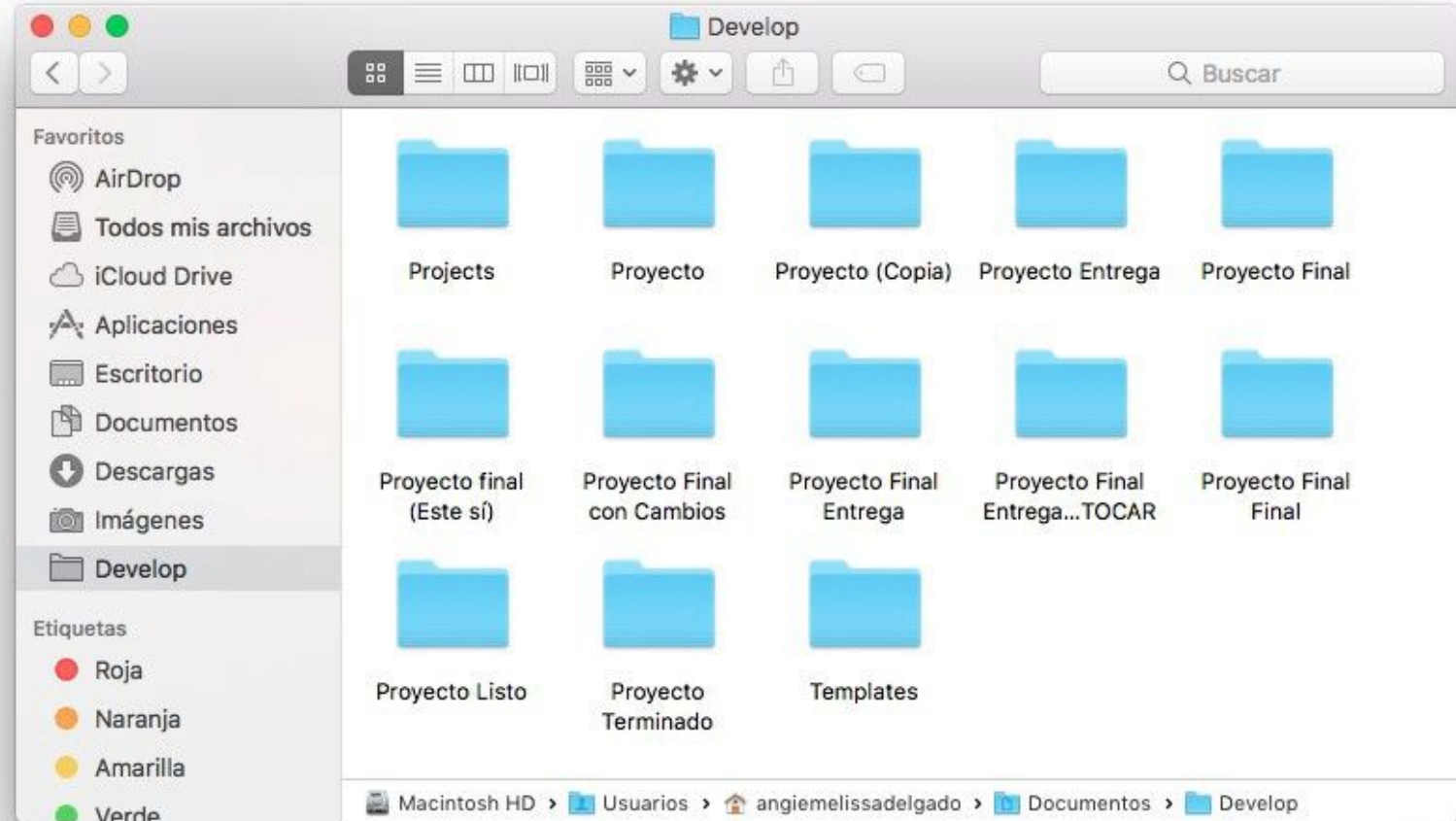
Microsoft



GitLab

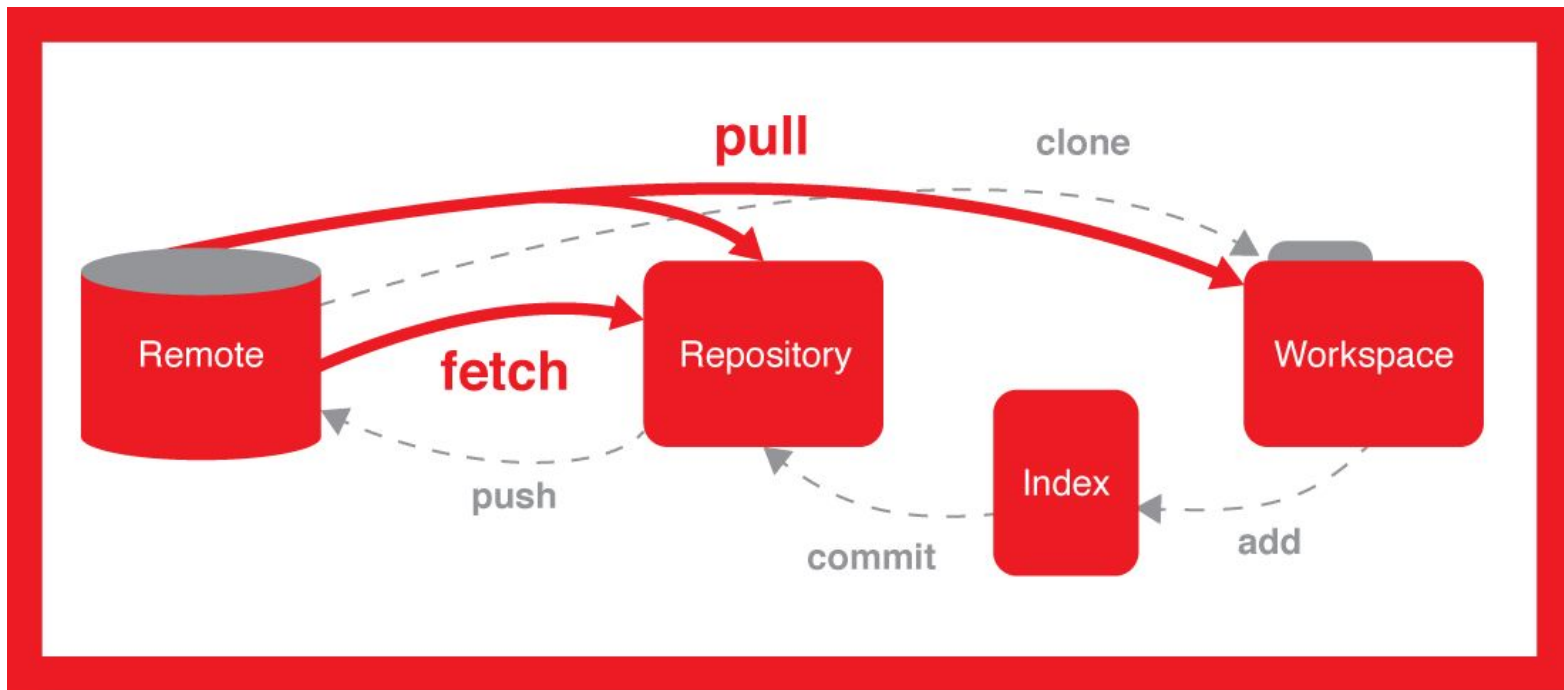
2019

# Controlador de versiones



# Que hacen los Controladores de versiones





# Common Git Commands



- `$git config`
- `$git init`
- `$git clone <path>`
- `$git add <file_name>`
- `$git commit`
- `$git status`
- `$git remote`
- `$git checkout <branch_name>`
- `$git branch`
- `$git push`
- `$git pull`
- `$git merge <branch_name>`
- `$git diff`
- `$git reset`
- `$git revert`
- `$git tag`
- `$git log`

# Requisitos necesarios

## Windows

<https://git-scm.com/download/win>

## Linux

- apt-get install git



# Crear Repositorio

- Crear repositorio
- abrir terminal en la carpeta local
- `git init`
- `git add .`
- `git commit`
- `git remote add origin`
- `git push -u origin master`



# Actualizar Repositorio

- abrir terminal en la carpeta local
- `git init`
- `git pull`





# Clonar Repositorio

- abrir terminal en la carpeta local
- `git clone git@github:user/repository.git`

git log - ver registro



# Ramas, Branchs

Para trabajos colectivos



# Generar Rama

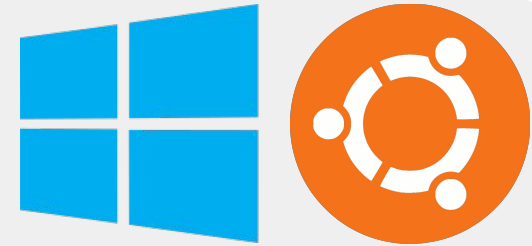
**Crear:**      `git branch nombre_de_la_rama`  
                 `git checkout -b nombre_de_la_rama`

**Cambiar:**   `git checkout nombre_de_la_rama`

**Listar:**      `git branch` (Listar todas las ramas)

**push:**        `git push origin nombre_de_la_rama`

**Eliminar:**   `git push origin :nombre_de_la_rama`  
                 `git branch -D nombre_de_la_rama`



## Unir ramas

Diff: `git diff <source_branch> <target_branch>`

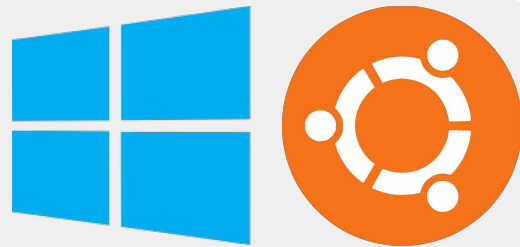
Unir: `git merge nombre_de_la_rama`

Guardar en el remoto: `git push`

## Clonar Rama del Repositorio

abrir terminal en la carpeta local

`git clone -b nombre_de_la_rama git@github:user/repository.git`



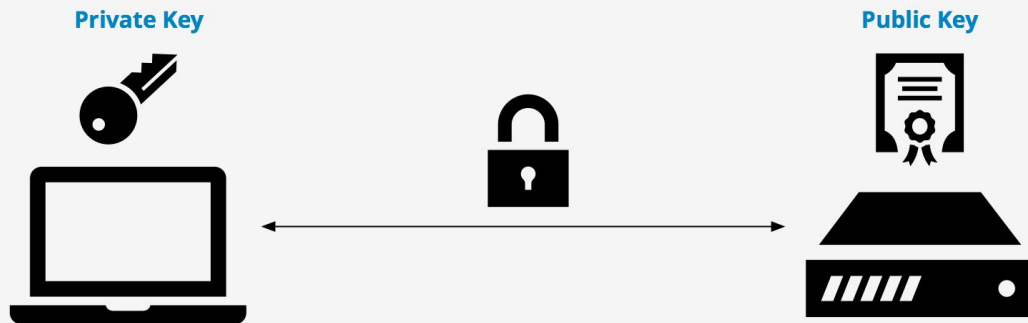
# ssh

Secure Shell





putty



SSH login basado en llave privada y pública



nativo



# Pasos para configurar y conectarse

- ssh-keygen -t rsa
- cd /.ssh
- copiar llave pública en el host
- conectarse:

**ssh usuario@ip**

ej: **ssh root@204.48.16.194**





## Pasos para configurar y conectarse

1. generar ssh
2. colocar ip/host
3. colocar usuario
4. seleccionar llave privada





## Key

Public key for pasting into OpenSSH authorized\_keys file:

```
ssh-rsa AAAAB3NzaC1yc2EAAAABJQAAQEAptiAmCdq8eod+1vKGgR  
+hFDC6jY67RoD1ZWxPD7xtEbquqYo85h/LAfta6zctEi8UIRu7333XM6nSzFvofCbd6c  
aVXqJlU3T6NdH4dopHXr9aBqVO11zvqlUpgkuwoaSs2nLLSbAgMoOow6GpCNzpRU  
YnrVHRFLgVZjrPc8qOcrJOFdKd07gpYGj2Jskj1dpCBX5TCw2S4j6JSGhA8PzU3JXgHl  
B45m6RxCPLO8WVoD/1DE6muNwRdlfv6JWfNS4DvqZGvm
```

Key fingerprint: ssh-rsa 2048 7f:0e:38:0b:b1:d5:2c:51:de:ed:12:cd:b2:c4:86:6f

Key comment: rsa-key-20190607

Key passphrase:

Confirm passphrase:

## Actions

Generate a public/private key pair

Load an existing private key file

Save the generated key

## Parameters

Type of key to generate:

☒ RSA ☐ DSA ☐ ECDSA ☐ ED25519 ☐ SSH-1 (RSA)

Number of bits in a generated key:

2048

Generate

Load

Save public key

Save private key

## Category:

## Session

Logging

## Terminal

Keyboard

Bell

Features

## Window

Appearance

Behaviour

Translation

## Selection

Colours

## Connection

Data

Proxy

Telnet

Rlogin

## SSH

Key

Host keys

Cipher

## Auth

## Basic options for your PuTTY session

Specify the destination you want to connect to

Host Name (or IP address)

204.48.16.194

Port

22

Connection type:

☐ Raw☐ Telnet☐ Rlogin☒ SSH☐ Serial

Load, save or delete a stored session

Saved Sessions

Digital ocean 204.48.16.194

Default Settings

Digital ocean 204.48.16.194

accesoLMA

negrito

Load

Save

Delete

Close window on exit:

☐ Always☐ Never☒ Only on clean exit

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Cancel

Category:

- Session
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- Kex
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- Auth

## Options controlling SSH authentication

- ☒ Display pre-authentication banner (SSH-2 only)
- ☐ Bypass authentication entirely (SSH-2 only)

## Authentication methods

- ☒ Attempt authentication using Pageant
- ☐ Attempt TIS or CryptoCard auth (SSH-1)
- ☒ Attempt "keyboard-interactive" auth (SSH-2)

## Authentication parameters

- ☐ Allow agent forwarding
- ☐ Allow attempted changes of username in SSH-2

Private key file for authentication:

C:\Users\fernando\Downloads\id\_rsa.p

Browse...

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## Data to send to the server

## Login details

Auto-login username root

When username is not specified:

- ☒ Prompt
- ☐ Use system username (fernando)

## Terminal details

Terminal-type string xterm

Terminal speeds 38400,38400

## Environment variables

Variable

Add

Value

Remove

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# Curiosidades

<https://trends.google.es/trends/explore?date=today%205-y&q=gitlab,github,%2Fm%2F05mx6p6>

