

# El Zen de git



© Angel Pablo Hinojosa Gutiérrez



# Tercer tema (Repositorios remotos)

Por el humilde sensei Psicobyte



# La vía interior (Configuración)

```
git config --global user.name "Psicobyte Sensei"
```

```
git config --global user.email "psicobyte@gmail.com"
```

# La vía interior (Configuración)

```
git config --global http.proxy http://menes.ugr.es:3128
```

```
git config --global https.proxy http://menes.ugr.es:3128
```

# La vía interior (Configuración)

Experimento:

```
git config --global core.editor notepad
```

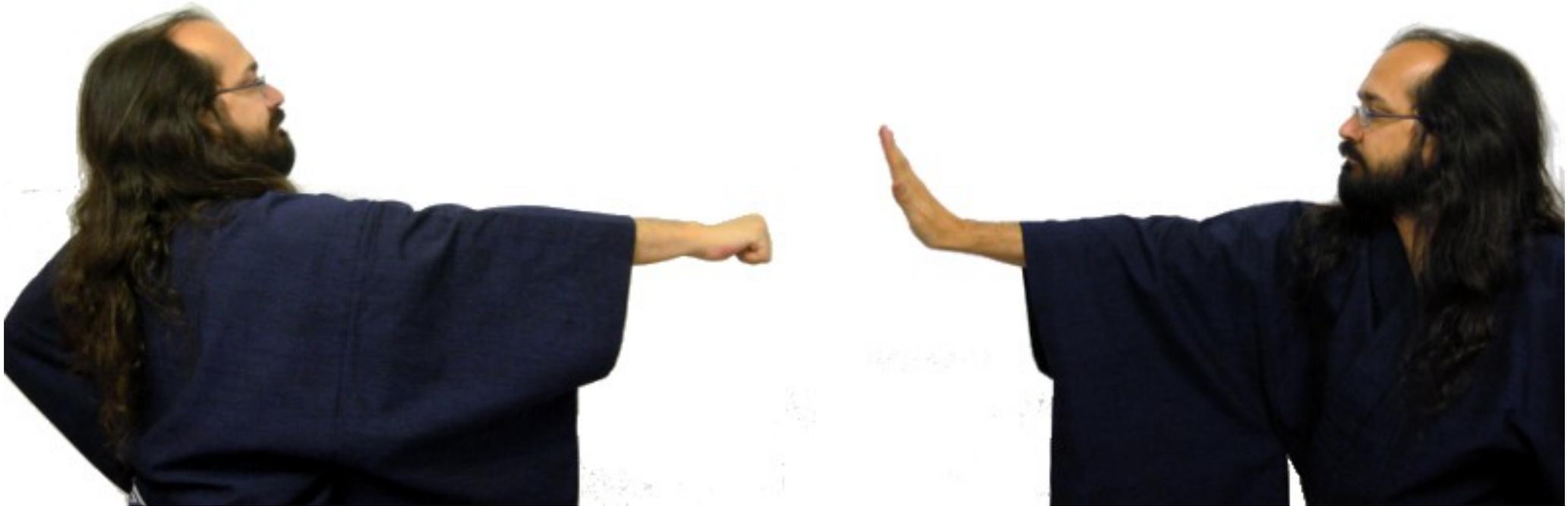
# La vía exterior (Claves ssh)

ssh-keygen

ssh-copy-id Dirección-Del-Servidor

# git como arte marcial

(O el “Dar cera – Pulir cera” de git)



# git como arte marcial

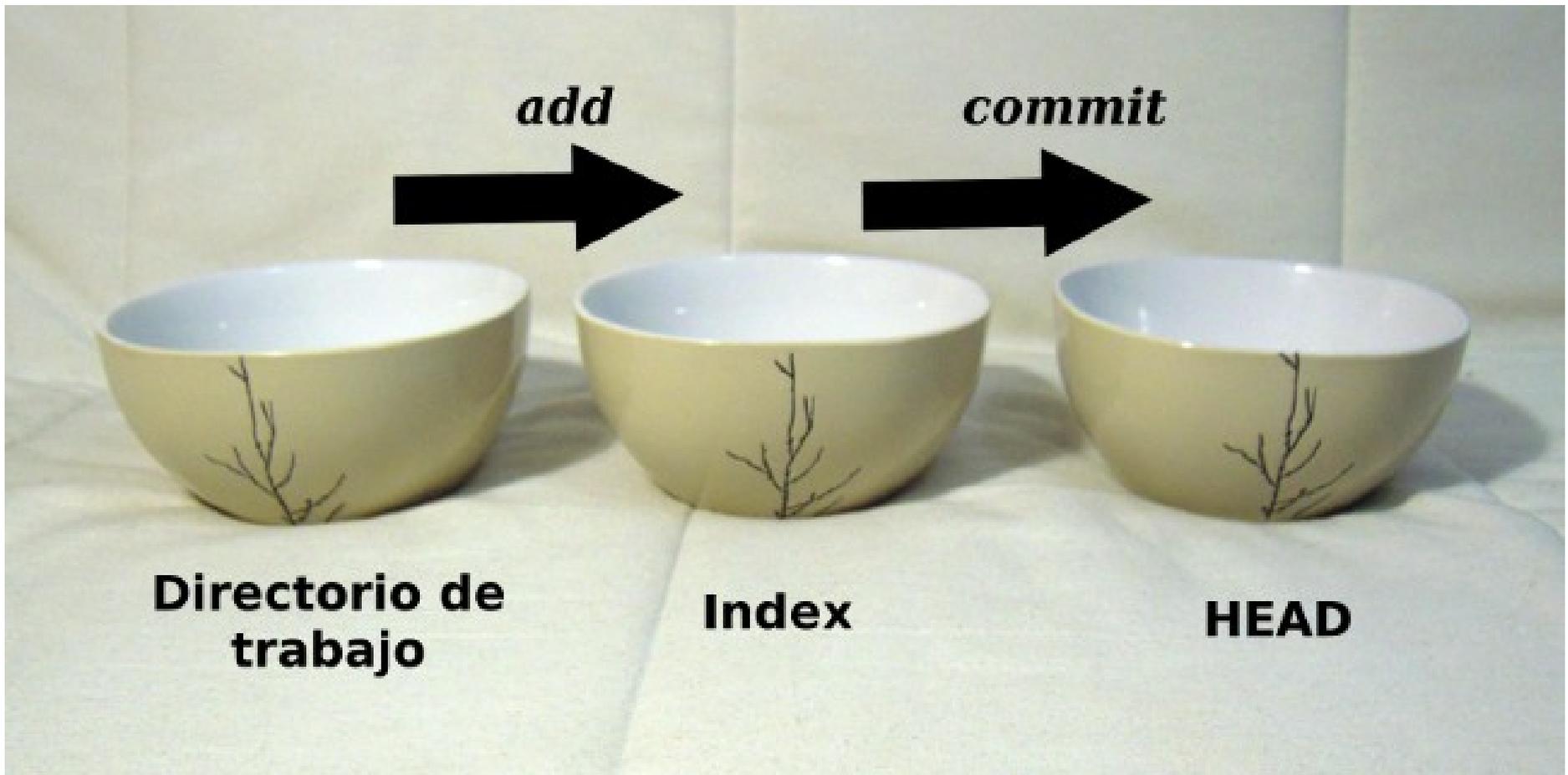
Recordamos...

git init

git add

git commit

¿Recuerdas los tres cuencos?



# La vía óctuple

git branch

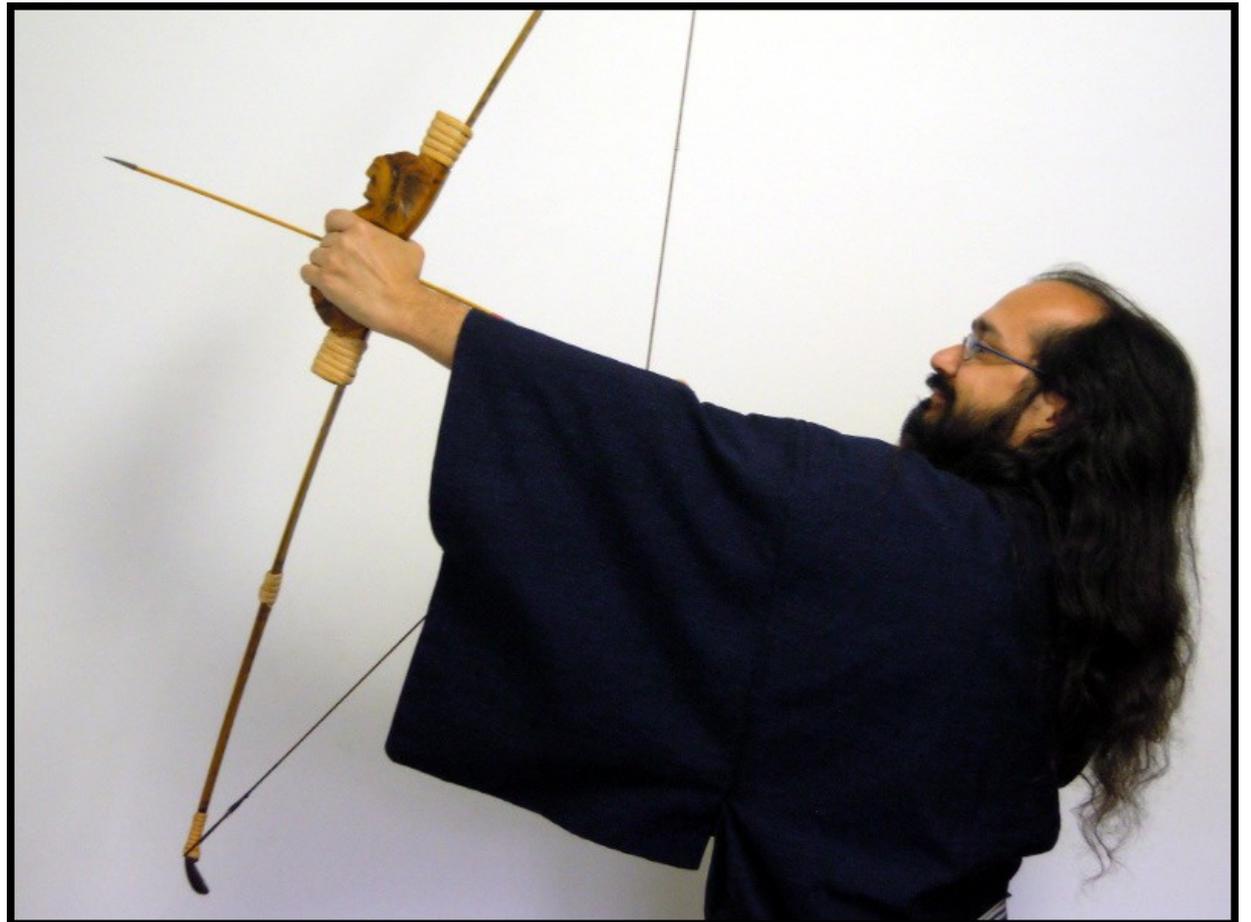
git checkout Nombre-De-La-Rama

git checkout -b Nombre-De-La-Rama

git merge Nombre-De-La-Otra-Rama

# Más allá del horizonte

(sincronizando con repositorios remotos)



# Más allá del horizonte

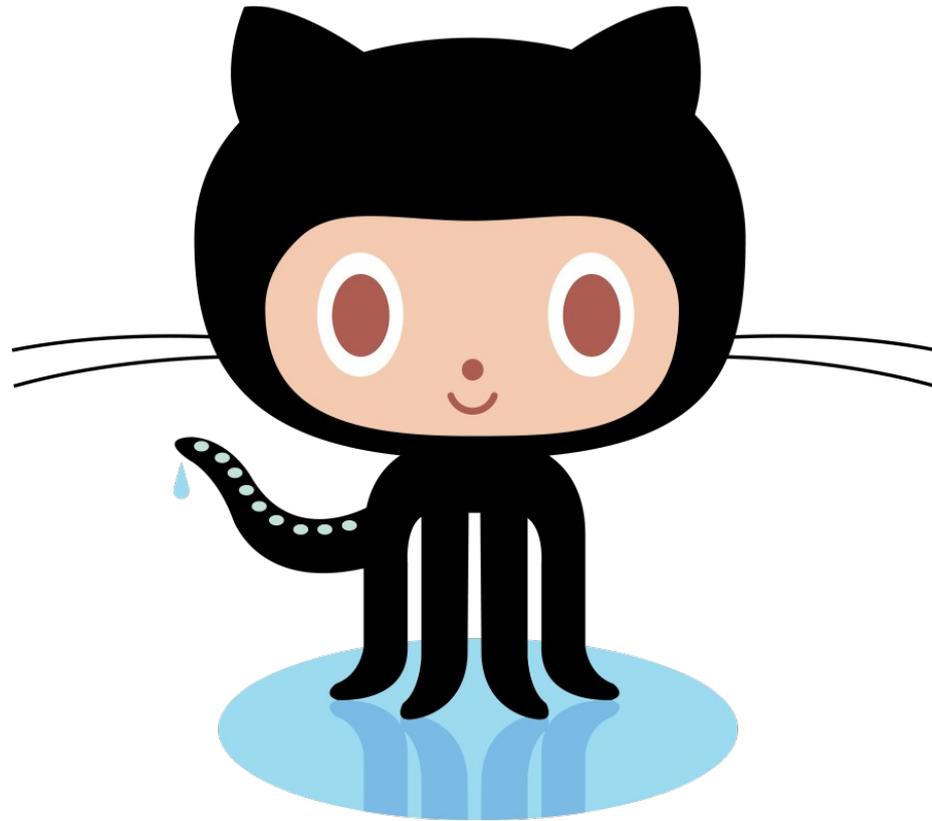
Clona un repositorio existente:

```
git clone URL
```

```
git clone git@github.com:psicobyte/PiMondrian.git
```

```
git clone https://github.com/psicobyte/PiMondrian.git
```

github.com: El templo shaolin de git



# Abrir cuenta

**GitHub** Search GitHub

Explore Features Enterprise Pricing

Sign up Sign in

## Where software is built

Powerful collaboration, code review, and code management for open source and private projects. Public projects are always free.

Private plans start at \$7/mo.

Pick a username

Your email

Create a password

Use at least one lowercase letter, one numeral, and seven characters.

**Sign up for GitHub**

By clicking "Sign up for GitHub", you agree to our [terms of service](#) and [privacy policy](#). We will send you account related emails occasionally.

# Iniciar repo

The screenshot shows the GitHub homepage for the user 'psicobyte'. At the top, there is a search bar and navigation links for 'Pull requests', 'Issues', and 'Gist'. A notification banner for 'Git Large File Storage v1.0' is visible. The main feed contains several activity items: an issue opened by 'renatoIrr' in the repository 'oslugr/CodeweekETSIIT#2', a push to master by 'Makova' in 'oslugr/CodeweekETSIIT', and several other pushes to master by 'renatoIrr' in the same repository. On the right side, there are two panels: 'Repositories you contribute to' listing repositories like 'proyectopetra/Traffic-Project' and 'oslugr/campus15', and 'Your repositories' showing 'oslugr/CodeweekETSIIT' and 'GrHackLab-logo'.

Search GitHub

Pull requests Issues Gist

psicobyte

Git Large File Storage v1.0  
Git LFS is now available for all repositories.

View 161 new broadcasts

4 days ago  
renatoIrr opened issue oslugr/CodeweekETSIIT#2  
Utilizar xcircuit pra dibujar esquemas.

4 days ago  
Makova pushed to master at oslugr/CodeweekETSIIT  
a4a8cb4 repes

demiurgosoft starred psicobyte/markdown\_slides 5 days ago

5 days ago  
renatoIrr pushed to master at oslugr/CodeweekETSIIT  
ef2b56a Update README.md

5 days ago  
renatoIrr pushed to master at oslugr/CodeweekETSIIT  
69ecd00 Update README.md

Repositories you contribute to

proyectopetra/Traffic-Project	1 ★
MercAddons/Command-Finder	1 ★
oslugr/campus15	5 ★
openxxi/fines_sociales	2 ★
Makova/Expresion-regular-traf...	0 ★

Your repositories 75 + New repository

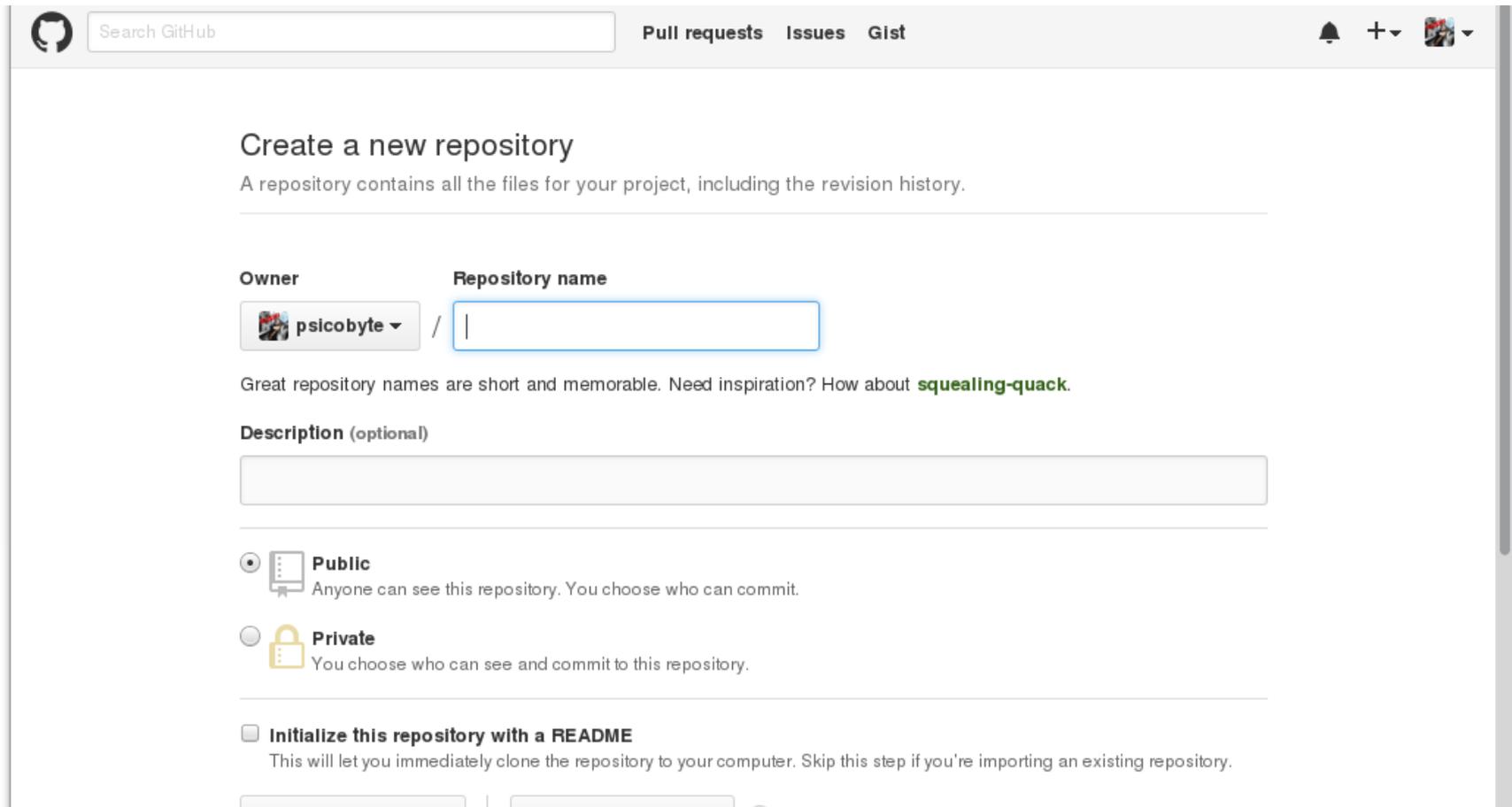
Find a repository...

All Public Private Sources Forks

oslugr/CodeweekETSIIT

GrHackLab-logo

# Iniciar repo



The screenshot shows the GitHub interface for creating a new repository. At the top, there is a search bar with the text 'Search GitHub', navigation links for 'Pull requests', 'Issues', and 'Gist', and a notification bell icon. The main heading is 'Create a new repository', followed by a sub-heading: 'A repository contains all the files for your project, including the revision history.' Below this, there are two input fields: 'Owner' with a dropdown menu showing 'psicobyte' and a 'Repository name' field which is currently empty. A suggestion below the name field reads: 'Great repository names are short and memorable. Need inspiration? How about **squealing-quack**.' There is an optional 'Description' text area. Underneath, there are two radio button options: 'Public' (selected) with the description 'Anyone can see this repository. You choose who can commit.' and 'Private' with the description 'You choose who can see and commit to this repository.' At the bottom, there is a checkbox option 'Initialize this repository with a README' with the description 'This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.'

Search GitHub

Pull requests Issues Gist

## Create a new repository

A repository contains all the files for your project, including the revision history.

Owner: psicobyte / Repository name:

Great repository names are short and memorable. Need inspiration? How about **squealing-quack**.

Description (optional):

**Public**  
Anyone can see this repository. You choose who can commit.

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

**Initialize this repository with a README**  
This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

# Más allá del horizonte

Recibe cambios desde el servidor remoto

```
git pull origin master
```

```
git pull origin Nombre-De-La-Rama
```

```
git pull
```

# Más allá del horizonte

Envía cambios al servidor remoto

```
git push origin master
```

```
git push origin Nombre-De-La-Rama
```

```
git push
```

# Más allá del horizonte

Especifica rama upstream (y hace push):

```
git push --set-upstream origin Nombre-De-Rama
```

# Más allá del horizonte

`git config --global push.default matching`

(simple, current...)

# Más allá del horizonte

¡Conflicto entre servidores!

¿Qué hacemos?

git informa detalladamente del problema y debemos arreglarlo nosotros mismos y hacer un commit y un push.

# Más allá del horizonte

Añade un origen remoto:

```
git remote add origin URL
```

```
git remote add OtroOrigen URL
```

# Más allá del horizonte

Modifica un origen remoto:

```
git remote set-url origin URL
```

```
git remote set-url OtroOrigen URL
```

# Más allá del horizonte

Ver servidores remotos:

```
git remote
```

Con detalle:

```
git remote -v
```

# Más allá del horizonte

Ver ramas remotas:

```
git branch -r
```

O verlas todas:

```
git branch -a
```

# Más allá del horizonte

Ver Servidores y ramas remotas (con detalle):

```
git remote show origin
```

# Muchas gracias (y van tres)

<http://www.psicobyte.com>

[psicobyte@gmail.com](mailto:psicobyte@gmail.com)

[@psicobyte\\_](#)

Esta presentación se puede descargar de:

<http://www.psicobyte.com/info/descargas>

