

Git en la nube

Github y BitBucket

https://github.com/

github

Explore GitHub

Search

Features

Blog

Sign in

Build software better, together.

Powerful collaboration, review, and code management for
open source and private development projects.

jeudy



jeudy.blanco@cinespa.ucr.ac.cr



.....




Tip: use at least one number and at least 7
characters.

By clicking on "Sign up for free" below, you agree to
the [Terms of Service](#) and the [Privacy Policy](#).

Sign up for free

[See plans and pricing](#)

 jeudy ▾

 News Feed

News Feed

Pull Requests

Issues

Stars

GitHub Bootcamp

If you are still new to things, we've provided a few walkthroughs to get you started.



Set Up Git

A quick guide to help you get started with Git.



Create A Repository

Create the place where your commits will be stored.



Fork a Repository

Copy a repo to create a new, unique project from its contents.



Be social

Follow a friend.
Watch a project.



Welcome to GitHub! What's next? (just now)

[Create a Repository](#)

[Tell us about yourself](#)

[Browse Interesting Repos](#)

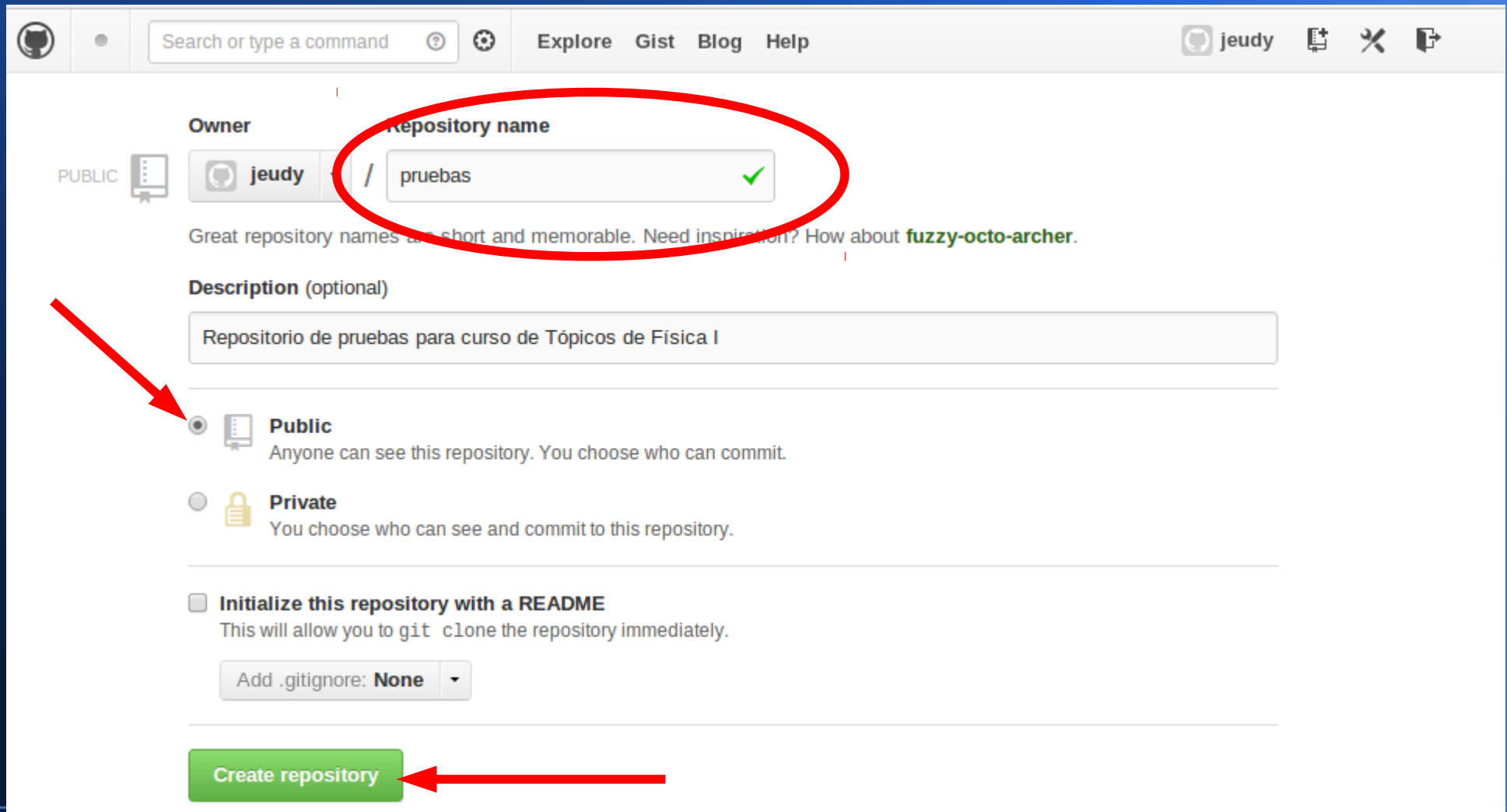
[Follow @github on Twitter](#)

Your Repositories (0)

[New repository](#)

You don't have any repositories yet!
[Create your first repository](#) or [learn more about Git and GitHub](#)

Creando un nuevo repositorio



The screenshot shows the GitHub interface for creating a new repository. A red circle highlights the 'Repository name' field, which contains 'pruebas' and a green checkmark. A red arrow points to the 'Public' radio button, which is selected. Another red arrow points to the 'Create repository' button at the bottom. The 'Owner' is set to 'jeudy'. The 'Description' field contains 'Repositorio de pruebas para curso de Tópicos de Física I'. The 'Initialize this repository with a README' checkbox is unchecked, and the '.gitignore' dropdown is set to 'None'.

Search or type a command ? ⚙️ Explore Gist Blog Help jeudy

Owner jeudy

Repository name / pruebas ✓

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

Description (optional)

Repositorio de pruebas para curso de Tópicos de Física I

☒ **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 allow you to `git clone` the repository immediately.

Add .gitignore: **None**

Create repository

Quick setup — if you've done this kind of thing before

or **HTTP** **SSH** `git@github.com:jeudy/pruebas.git`



We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

Create a new repository on the command line

```
touch README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin git@github.com:jeudy/pruebas.git
git push -u origin master
```

Push an existing repository from the command line

```
git remote add origin git@github.com:jeudy/pruebas.git
git push -u origin master
```

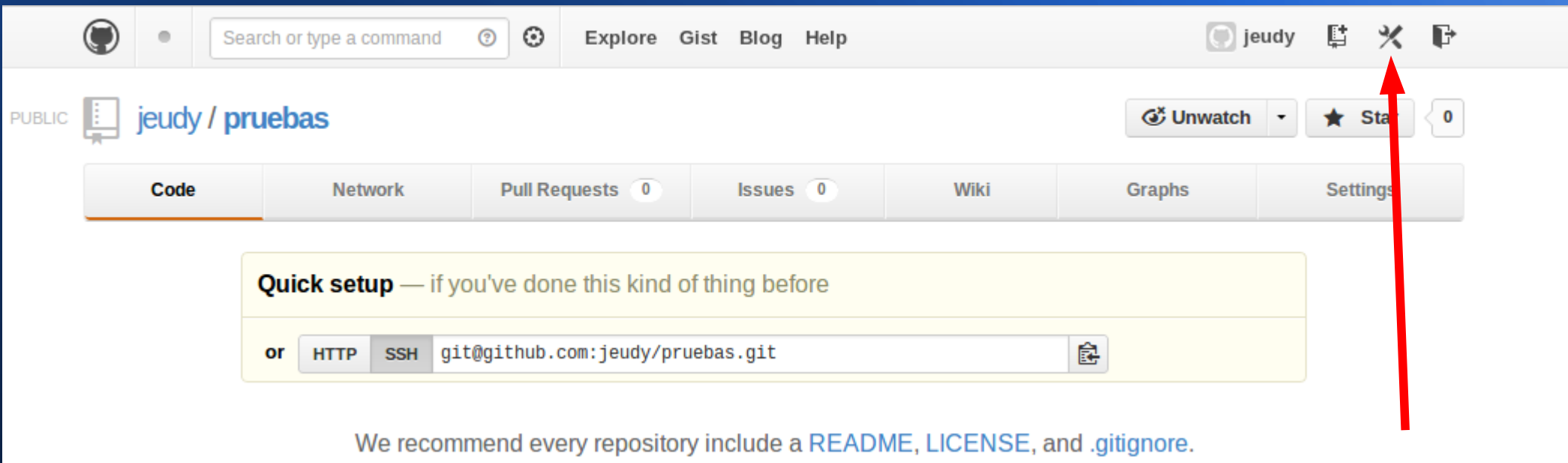
Terminal



File Edit View Search Terminal Help

```
jeudy@machine:~$ pwd
/home/jeudy
jeudy@machine:~$ mkdir reponuevo
jeudy@machine:~$ cd reponuevo/
jeudy@machine:~/reponuevo$ touch README.md
jeudy@machine:~/reponuevo$ ls -ls
total 0
0 -rw-rw-r-- 1 jeudy jeudy 0 mar 26 22:33 README.md
jeudy@machine:~/reponuevo$ git init
Initialized empty Git repository in /home/jeudy/reponuevo/.git/
jeudy@machine:~/reponuevo$ git add README.md
jeudy@machine:~/reponuevo$ git commit -m "Commit inicial"
[master (root-commit) d6372a9] Commit inicial
 0 files changed
 create mode 100644 README.md
jeudy@machine:~/reponuevo (master)$ git remote add origin git@github.com:jeudy/pruebas.git
jeudy@machine:~/reponuevo (master)$ git push -u origin master
ERROR: Permission to jeudy/pruebas.git denied to jeudyx.
fatal: The remote end hung up unexpectedly
jeudy@machine:~/reponuevo (master)$
```

¡Agregar llave SSH!



The screenshot shows the GitHub interface for the repository 'jeudy / pruebas'. The top navigation bar includes the GitHub logo, a search bar, and links for 'Explore', 'Gist', 'Blog', and 'Help'. The repository name 'jeudy / pruebas' is displayed, along with 'Unwatch' and 'Star' buttons. Below the repository name, there are tabs for 'Code', 'Network', 'Pull Requests', 'Issues', 'Wiki', 'Graphs', and 'Settings'. A 'Quick setup' section provides instructions for cloning the repository, showing the SSH URL 'git@github.com:jeudy/pruebas.git'. A red arrow points to the SSH icon in the top right corner of the repository header.

Search or type a command

Explore Gist Blog Help

jeudy

PUBLIC jeudy / pruebas

Unwatch

Star 0

Code Network Pull Requests 0 Issues 0 Wiki Graphs Settings

Quick setup — if you've done this kind of thing before

or HTTP SSH git@github.com:jeudy/pruebas.git

We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).



Search or type a command



[Explore](#) [Gist](#) [Blog](#) [Help](#)



jeudy



jeudy

Profile

[Account Settings](#)

[Emails](#)

[Notification Center](#)

[Billing](#)

[Payment History](#)

[SSH Keys](#)

[Security History](#)

[Applications](#)

[Repositories](#)

[Organizations](#)

PRIVATE REPOS

0 OF 0

Public Profile

Name

Jeudy Blanco

✓ saved

Email (will be public)

jeudy.blanco@cinespa.ucr.ac.cr

✓ saved

URL

Company

Universidad de Costa Rica

✓ saved

Location

Cartago

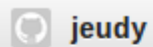
✓ saved

Gravatar Email (Private)

jeudy.blanco@cinespa.ucr.ac.cr



[Change your avatar at Gravatar.com.](#)



Profile

Account Settings

Emails

Notification Center

Billing

Payment History

SSH Keys

Security History

Applications

Repositories

Organizations

PRIVATE REPOS

0 OF 0

Need help? Check out our guide to [generating SSH keys](#) or troubleshoot [common SSH Problems](#)

SSH Keys

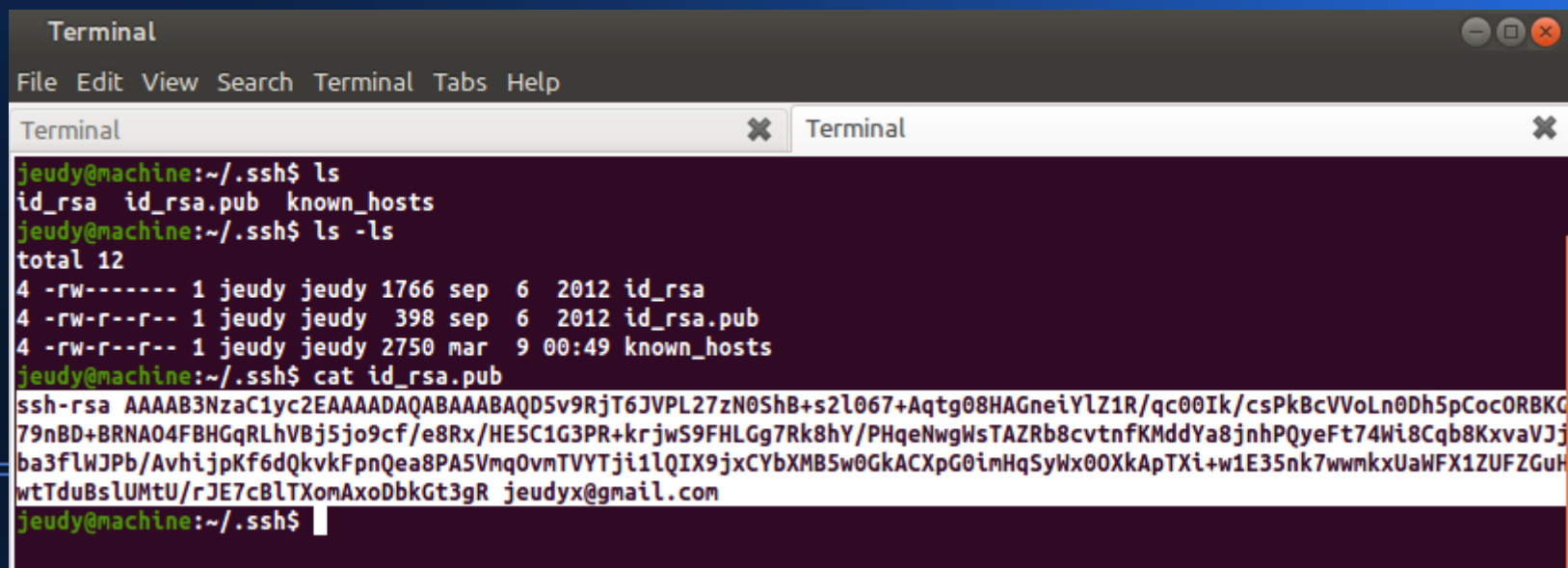
Add SSH key

There are no SSH keys with access to your account.



Generando una llave SSH

- `cd ~/.ssh`
- `ssh-keygen -t rsa -C "your_email@example.com"`
- Agregar un passphrase (no requerido, pero recomendado).
- Se crean 2 archivos: una llave privada y una pública.

A screenshot of a terminal window titled "Terminal" with a menu bar (File, Edit, View, Search, Terminal, Tabs, Help). The terminal shows the following commands and output:

```
jeudy@machine:~/.ssh$ ls
id_rsa id_rsa.pub known_hosts
jeudy@machine:~/.ssh$ ls -ls
total 12
4 -rw----- 1 jeudy jeudy 1766 sep  6 2012 id_rsa
4 -rw-r--r-- 1 jeudy jeudy  398 sep  6 2012 id_rsa.pub
4 -rw-r--r-- 1 jeudy jeudy 2750 mar  9 00:49 known_hosts
jeudy@machine:~/.ssh$ cat id_rsa.pub
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQD5v9RjT6JVPL27zN0ShB+s2l067+Aqtg08HAGneiYLZ1R/qc00Ik/csPkBcVVoLn0Dh5pCoc0RBKC
79nBD+BRNA04FBHGqRLhVBj5jo9cf/e8Rx/HE5C1G3PR+krjwS9FHLGg7Rk8hY/PHqeNwgWsTAZRb8cvtnfKMddYa8jnhPQyeFt74Wi8Cqb8KxvaVJj
ba3fLWJPb/AvhijpKf6dQkvkFpnQea8PA5VmQ0vmTVYTji1lQIX9jxCYbXMB5w0GkACXpG0imHqSyWx00XkApTXi+w1E35nk7wwmkxUaWFX1ZUFZGuH
wtTduBsLUMtU/rJE7cBLTXomAxoDbkGt3gR jeudyx@gmail.com
jeudy@machine:~/.ssh$
```

SSH Keys

[Add SSH key](#)

There are no SSH keys with access to your account.

Add an SSH Key

Title

Key

```
ssh-rsa
AAAAB3NzaC1yc2EAAAADAQABAAQDAQD5v9RjT6JVPL27zN0ShB+s2l067+Aqtg08HAGneiYIZ1R/qc
00lk/csPkBcVVoLn0Dh5pCocORBKG79nBD+BRNAO4FBHGqRLhVBj5jo9cf/e8Rx/HE5C1G3PR+krjwS9
FHLGg7Rk8hY/PHqeNwgWsTAZRb8cvtnfKMddYa8jnhPQyeFt74Wi8Cqb8KxvaVJjba3fIWJPb/AvhiipKf6d
QkvkFpnQea8PA5VmqOvmTVYTji1lQIX9jxCYbXMB5w0GkACXpG0imHqSyWx0OXkApTXi+w1E35nk7
wwwmkxUaWFX1ZUFZGuHwtTduBsIUMtU/rJE7cBITXomAxoDbkGt3gR jeudyx@gmail.com
```

[Add key](#)

Repositorio agregado

SSH Keys

Add SSH key

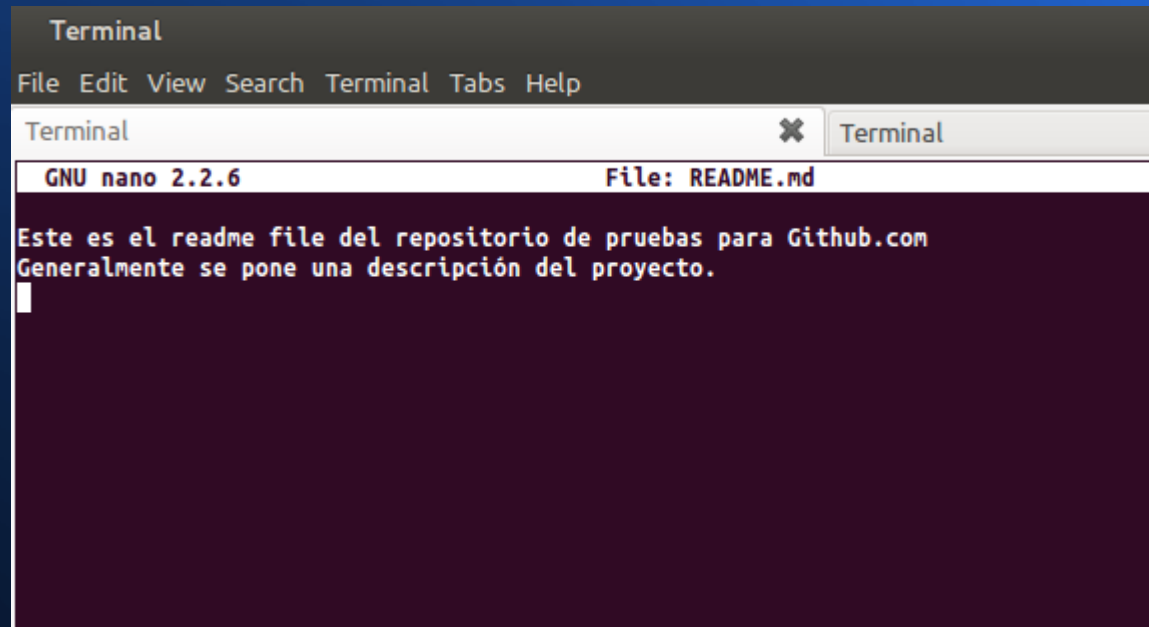
Llave de compu personal de Jeudy (Cinespa) (2b:6d:1a:ce:02:34:1f:96:36:5b:f7:a2:4b:c1:91:06)

Delete

```
Terminal
File Edit View Search Terminal Tabs Help
Terminal
jeudy@machine:~/reponuevo (master)$ git push -u origin master
Counting objects: 3, done.
Writing objects: 100% (3/3), 227 bytes, done.
Total 3 (delta 0), reused 0 (delta 0)
To git@github.com:jeudy/pruebas.git
 * [new branch]      master -> master
Branch master set up to track remote branch master from origin.
jeudy@machine:~/reponuevo (master)$
```

Cambios al Readme

- nano Readme.md



The screenshot shows a terminal window with a dark gray title bar labeled "Terminal". Below the title bar is a menu bar with the options "File", "Edit", "View", "Search", "Terminal", "Tabs", and "Help". A tab bar below the menu shows a single tab labeled "Terminal" with a close button (X) to its left. The main editing area has a status bar at the top that reads "GNU nano 2.2.6" on the left and "File: README.md" on the right. The text content of the file is displayed in a dark purple background with white text. It reads: "Este es el readme file del repositorio de pruebas para Github.com" followed by "Generalmente se pone una descripción del proyecto." on the next line. A white cursor is positioned at the end of the second line.

```
GNU nano 2.2.6 File: README.md
Este es el readme file del repositorio de pruebas para Github.com
Generalmente se pone una descripción del proyecto.
|
```

Commit y push de cambio

```
Terminal
File Edit View Search Terminal Tabs Help
Terminal
jeudy@machine:~/reponuevo (master)$ git status
# On branch master
# Changes not staged for commit:
#   (use "git add <file>..." to update what will be committed)
#   (use "git checkout -- <file>..." to discard changes in working directory)
#
#       modified:   README.md
#
no changes added to commit (use "git add" and/or "git commit -a")
jeudy@machine:~/reponuevo (master)$ git add README.md
jeudy@machine:~/reponuevo (master)$ git commit -m "Cambios a Readme"
[master 78f47b7] Cambios a Readme
 1 file changed, 3 insertions(+)
jeudy@machine:~/reponuevo (master)$ git push origin HEAD
Counting objects: 5, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 357 bytes, done.
Total 3 (delta 0), reused 0 (delta 0)
To git@github.com:jeudy/pruebas.git
 d6372a9..78f47b7 HEAD -> master
jeudy@machine:~/reponuevo (master)$
```

Repositorio de pruebas para curso de Tópicos de Física I — [Read more](#)

[ZIP](#) [HTTP](#) [SSH](#) [Git Read-Only](#) `git@github.com:jeudy/pruebas.git` [Read+Write access](#)

branch: master **Files** Commits Branches 1 Tags

pruebas / +

2 commits

Cambios a Readme

jeudy authored a minute ago

latest commit 78f47b700c

[README.md](#)


a minute ago


Cambios a Readme [jeudy]

README.md


Este es el readme file del repositorio de pruebas para Github.com Generalmente se pone una descripción del proyecto.


Commit history en Github


pruebas / Commit History 

Keyboard shortcuts available 


Mar 26, 2013

 **Cambios a Readme**
jeudy authored 2 minutes ago

 **Commit inicial**
jeudy authored 19 minutes ago

78f47b700c 

Browse code ➔

d6372a98d4 

Browse code ➔

```
Terminal
File Edit View Search Terminal Tabs Help
Terminal
jeudy@machine:~/reponuevo (master)$ git log
commit 78f47b700c49484492121d4aa4dd9c7a750e4883
Author: Jeudy Blanco Vega <jeudy.blanco@cinespa.ucr.ac.cr>
Date: Tue Mar 26 22:51:27 2013 -0600

    Cambios a Readme

commit d6372a98d4499d6c494abad446f589cadd3f1880
Author: Jeudy Blanco Vega <jeudy.blanco@cinespa.ucr.ac.cr>
Date: Tue Mar 26 22:34:21 2013 -0600

    Commit inicial

jeudy@machine:~/reponuevo (master)$
```


Ejercicio

- Cree un nuevo branch en el repositorio.
- Agregue un script the shell simple.
- Haga commit y push.
- Explore el tab de branches.
- Haga merge con master
- Push de master a origin.
- Clonen el repositorio de otro compañero.

https://bitbucket.org/

Plant your code in the cloud. Watch it grow.

Unlimited private repositories to collaborate on your code – Git or Mercurial. Free for 5 users.

The screenshot displays the Bitbucket web interface for a repository named 'staging'. The top navigation bar includes 'Dashboard' and 'Repositories'. A search bar contains 'owner/repo'. The repository page shows the 'staging' repository with a 'Clone' button, a 'Fork' button, a 'Compare' button, and a 'Pull Request' button. Below the repository name, it indicates 'bitbucket' as the owner, 'Fork of production', and 'Following'. The main content area is divided into two sections: 'Recent Activity' on the left and repository statistics on the right. The 'Recent Activity' section lists four events: Patrick Kaeding commented on pull request #950 (25 minutes ago), Patrick Kaeding updated pull request #950 (26 minutes ago), Patrick Kaeding committed to bitbucket/staging (26 minutes ago), and Nicolas Venegas commented on pull request #950 (an hour ago). The repository statistics section shows 69 Branches, 26 Tags, 167 Forks, and 14 Followers. It also lists the Owner (Bitbucket), Access Level (Private), Type (Mercurial), Last Updated (25 minutes ago), Created (2010-12-15), Size (69.5 MB (download)), and Membership (read (revoke)).

SSH	ssh://hg@bitbucket.org/bitbucket,		
69	26	167	14
Branches	Tags	Forks	Followers
Owner	Bitbucket		
Access Level	Private		
Type	Mercurial		
Last Updated	25 minutes ago		
Created	2010-12-15		
Size	69.5 MB (download)		
Membership	read (revoke)		

Sign up, free

Reutilicemos cuenta de Github

Sign up for free

Account type ☒ Individual

☐ Team

[What's the difference?](#)

First name

Last name

Username*

Email*


Password*


Password (again)*

[Sign up](#)

[Cancel](#)

You can also sign up with:

 Google

 Facebook

 Twitter

 GitHub

or



Authorize Bitbucket?

The app [Bitbucket](#) will be able to:

- Read your public information.
- Update your user profile.
- Update your public **and private** repositories (Commits, Issues, etc).

Authorize app

Deny



Hello jeudy

You're almost done! Please check that the following information is correct.

Username* jeudy

Email* jeudy.blanco@cinespa.ucr.ac.cr

Complete signup

Cancel

[Want to link an existing Bitbucket account instead?](#)



Let's talk authentication

Even though you have signed up via GitHub, we still need a secure way for you to push and pull code. You can **choose one** or **both** of the following:



Import SSH keys from GitHub

[What is an SSH key?](#)



Set a password

[Why do I need a password?](#)



1 SSH keys successfully imported



Welcome, newcomer

You are no doubt eager to get started, so let's put some bits in your bucket

[Create your first repository](#)

or

[Import an existing repository](#)

Import repositories from GitHub

Easily import all of your private and public GitHub repositories with the click of a button.

Nuevo repositorio

Create a new repository

Name*

proyectosecreto

Description

Este es un repositorio privado, como el que usaremos para entregar tareas :-)

Access level ☒ This is a private repository

Repository type ☒ Git

☐ Mercurial

Project management ☐ Issue tracking

☐ Wiki

Language

Python

Create repository

Cancel

Get started

Make changes and push

Invite your friends

Get to work

Add some code

We can help you start a brand new project, or import an existing one.

Tell us about your project:

I'm starting from scratch

I have code I want to import

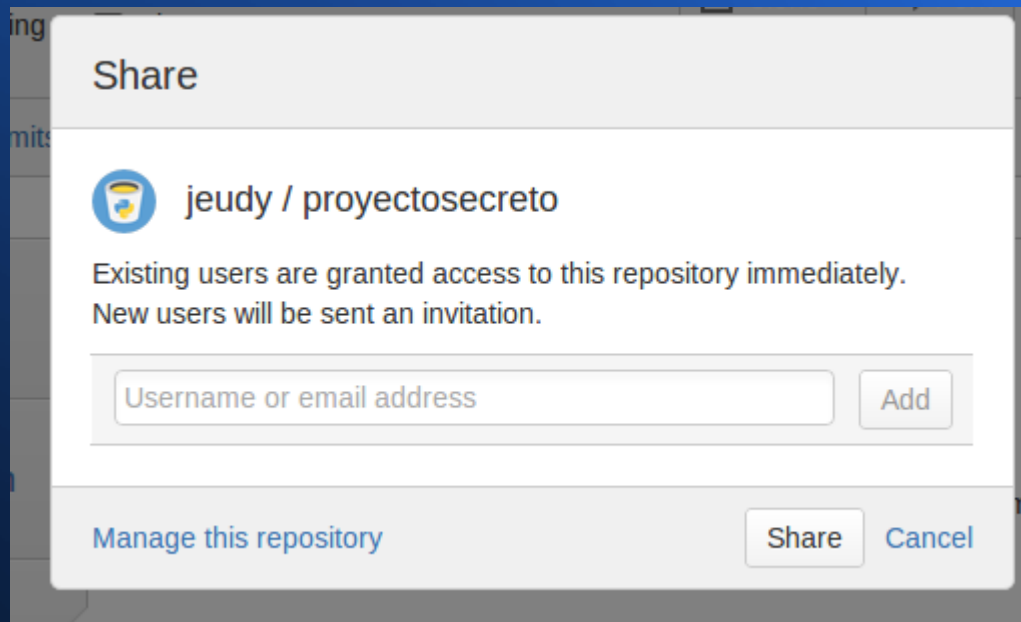


Terminal

File Edit View Search Terminal Help


```
jeudy@machine:~/Proyectos/UCR/tareaprueba$ git init
Initialized empty Git repository in /home/jeudy/Proyectos/UCR/tareaprueba/.git/
jeudy@machine:~/Proyectos/UCR/tareaprueba$ git remote add origin ssh://git@bitbucket.org/jeudy/proyectosecreto.git
jeudy@machine:~/Proyectos/UCR/tareaprueba$ echo "# This is my README" >> README.md
jeudy@machine:~/Proyectos/UCR/tareaprueba$ git add README.md
jeudy@machine:~/Proyectos/UCR/tareaprueba$ git commit -m "Primer commit BitBucket"
[master (root-commit) 84d0f84] Primer commit BitBucket
 1 file changed, 1 insertion(+)
 create mode 100644 README.md
jeudy@machine:~/Proyectos/UCR/tareaprueba (master)$ git push -u origin master
Counting objects: 3, done.
Writing objects: 100% (3/3), 252 bytes, done.
Total 3 (delta 0), reused 0 (delta 0)
remote: bb/acl: jeudy is allowed. accepted payload.
To ssh://git@bitbucket.org/jeudy/proyectosecreto.git
 * [new branch]      master -> master
Branch master set up to track remote branch master from origin.
jeudy@machine:~/Proyectos/UCR/tareaprueba (master)$
```

Envíen invitación al profesor



The image shows a 'Share' dialog box from GitHub. At the top, it says 'Share'. Below that is the repository name 'jeudy / proyectosecreto' with a repository icon. The text states: 'Existing users are granted access to this repository immediately. New users will be sent an invitation.' There is a text input field labeled 'Username or email address' and an 'Add' button. At the bottom, there is a link 'Manage this repository' and two buttons: 'Share' and 'Cancel'.


Share


 jeudy / proyectosecreto


Existing users are granted access to this repository immediately.
New users will be sent an invitation.

[Manage this repository](#)


Dashboard del repositorio

 Repositories ▾ [Create](#)

? ▾ 



 **proyectosecreto**
jeudy ★ Following ✉ Share



[Clone ▾](#) [Fork](#) [Compare](#) [Pull request](#)

[Overview](#) [Source](#) [Commits](#) [Pull requests](#) [Downloads](#) 


This is my README


Recent activity


  jeudy pushed 1 commit to jeudy/proyectosecreto
a minute ago
84d0f84 - Primer commit BitBucket


  jeudy created jeudy/proyectosecreto
5 minutes ago

SSH ▾


1
Branch


0
Tags


0
Forks


1
Follower

Owner	jeudy
Access level	Private
Type	Git
Language	Python
Last updated	a minute ago
Created	5 minutes ago
Size	899 bytes (download)

Ejercicio

- Cree un nuevo branch
- Agregue simple.sh
- Commit y push
- Merge con master
- Push master

Ejercicio (casa)

- Importe repositorio desde Github
- Inicie un repositorio localmente, e impórtelo.

Utilización

- Github lo vamos a utilizar para compartir ejemplos de python.
- Bitbucket lo vamos a usar para entrega de tareas y proyectos (repositorios privados con invitación al profesor).