

# SDMGroup

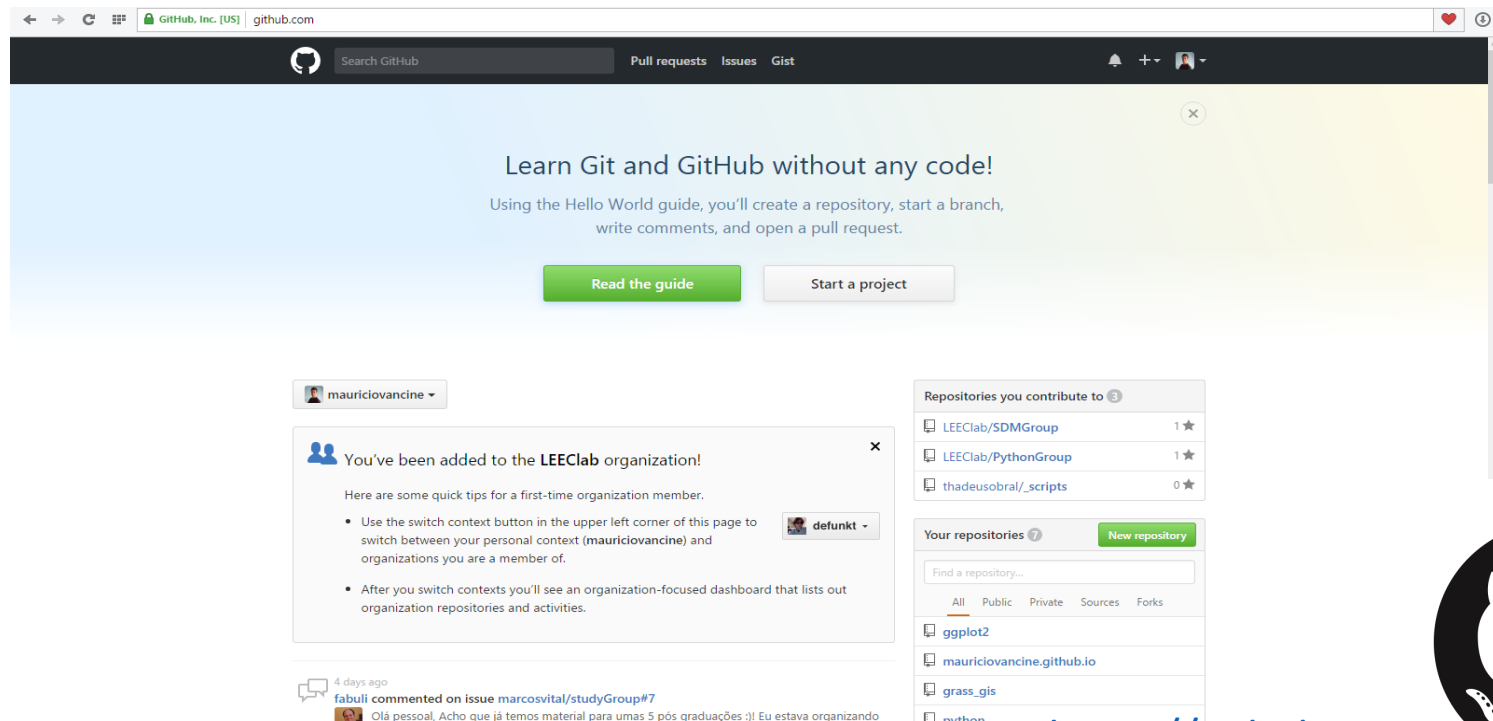
# GitHub

Maurício Humberto Vancine



# 1. O que é?

Site para armazenar códigos e arquivos, além de realizar 3. Controle de Versão para múltiplos usuários

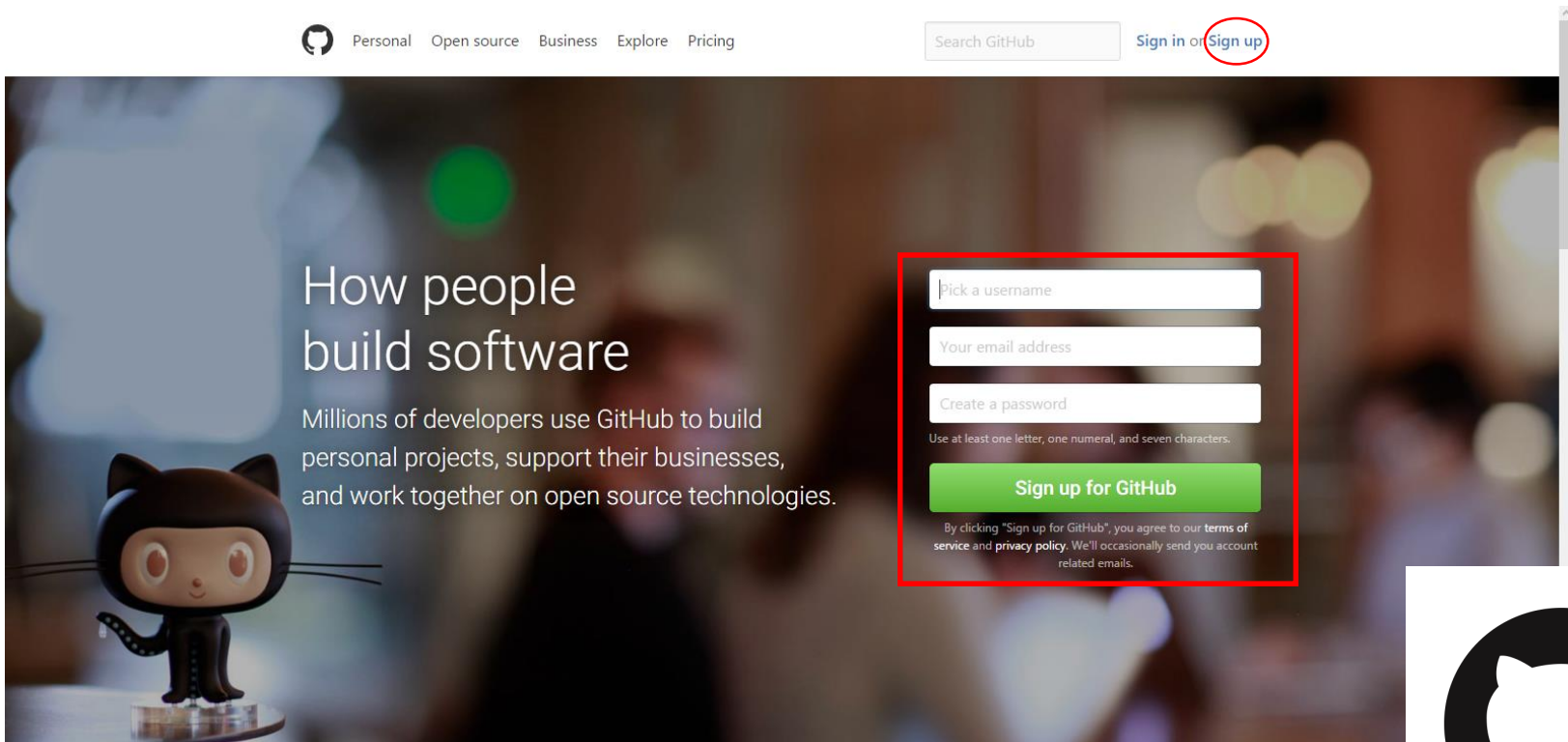


<https://github.com>



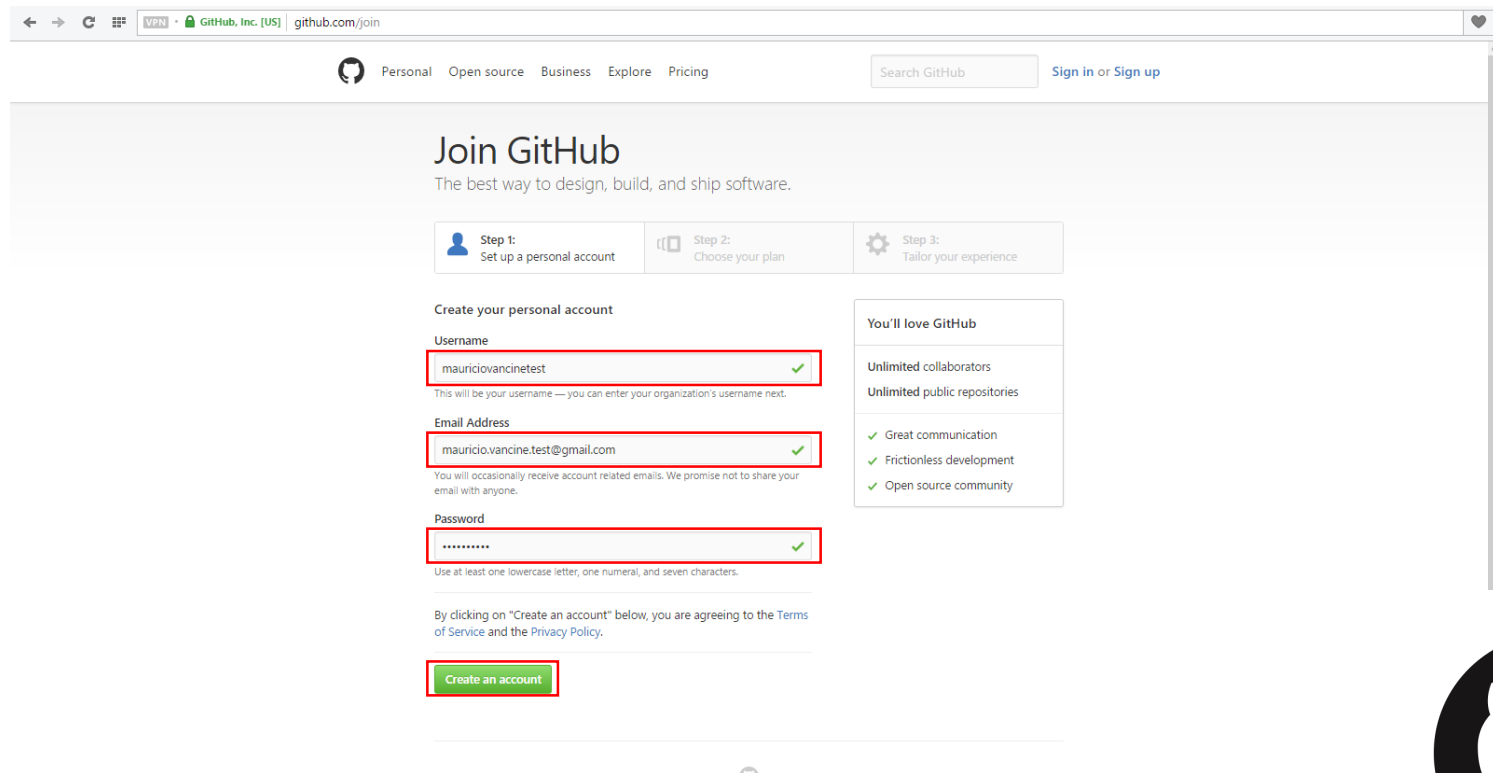
## 2. Como funciona?

1. Cria-se uma conta no site <https://github.com>



## 2. Como funciona?

1. Cria-se uma conta no site <https://github.com>

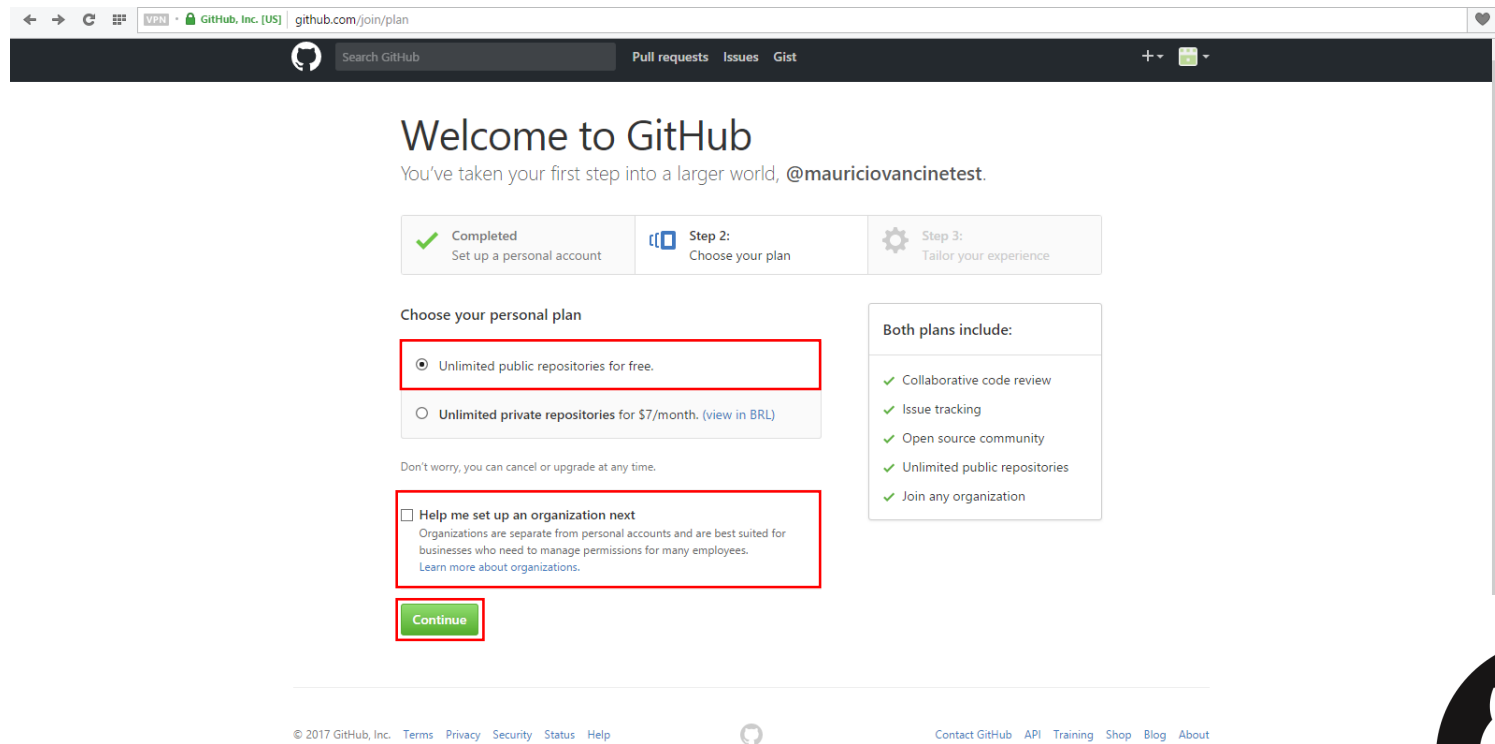


The screenshot shows the GitHub 'Join GitHub' page. The browser address bar displays 'github.com/join'. The page header includes navigation links: Personal, Open source, Business, Explore, Pricing, a search bar, and 'Sign in or Sign up'. The main heading is 'Join GitHub' with the tagline 'The best way to design, build, and ship software.' Below this, a progress bar shows three steps: 'Step 1: Set up a personal account' (active), 'Step 2: Choose your plan', and 'Step 3: Tailor your experience'. The 'Create your personal account' section contains three red-outlined input fields: 'Username' with the value 'mauriciovancinetest', 'Email Address' with 'mauricio.vancine.test@gmail.com', and 'Password' with masked characters. Each field has a green checkmark on the right. Below the password field is a note: 'Use at least one lowercase letter, one numeral, and seven characters.' To the right, a box titled 'You'll love GitHub' lists benefits: 'Unlimited collaborators', 'Unlimited public repositories', 'Great communication', 'Frictionless development', and 'Open source community'. At the bottom, a green 'Create an account' button is highlighted with a red box. A disclaimer states: 'By clicking on "Create an account" below, you are agreeing to the Terms of Service and the Privacy Policy.'



## 2. Como funciona?

1. Cria-se uma conta no site <https://github.com>



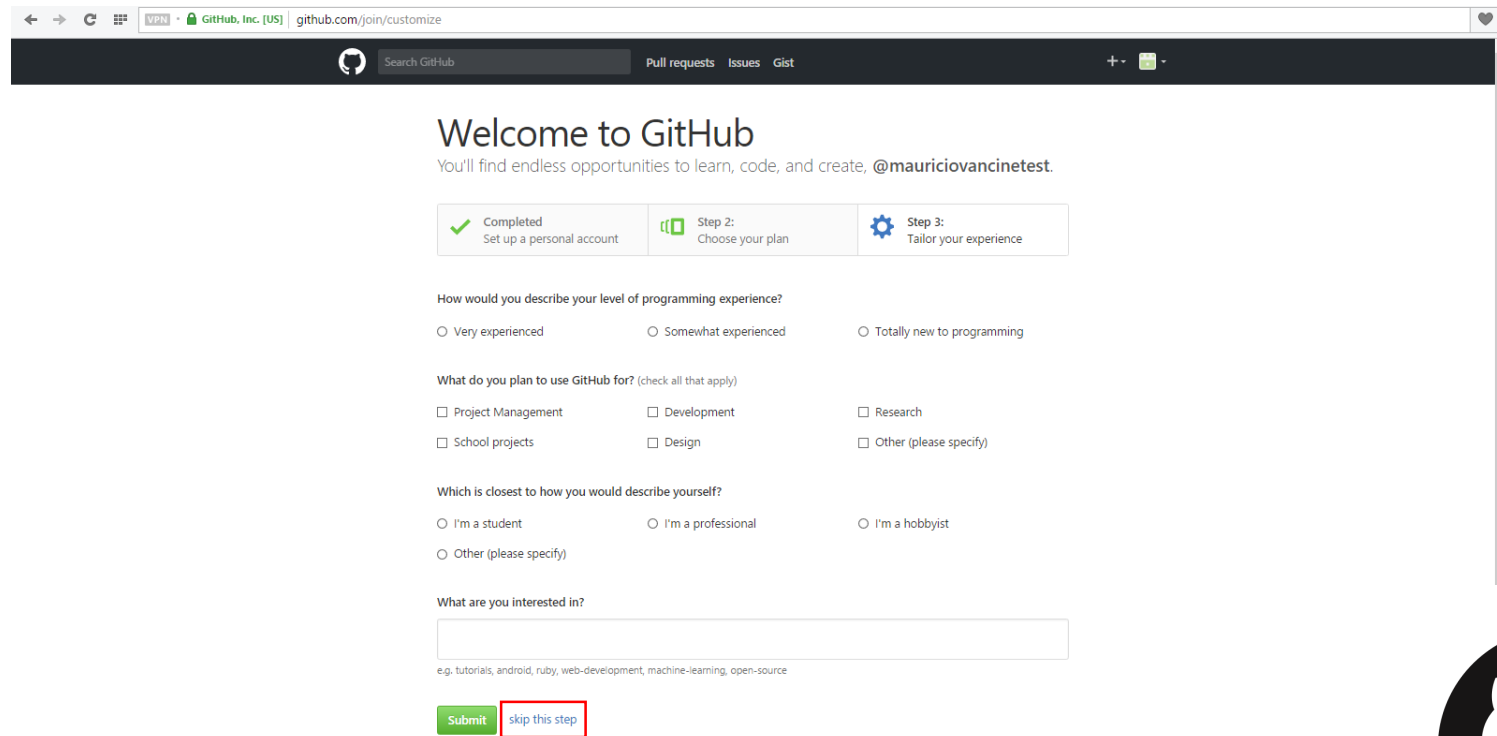
The screenshot shows the GitHub 'Welcome to GitHub' page for a new user, @mauriciovancinetest. The page is divided into three steps: Step 1 (Completed: Set up a personal account), Step 2 (Choose your plan), and Step 3 (Tailor your experience). Under 'Choose your personal plan', there are two radio button options: 'Unlimited public repositories for free.' (selected) and 'Unlimited private repositories for \$7/month. (view in BRL)'. Below these, a checkbox option 'Help me set up an organization next' is present, with a note that organizations are for businesses needing to manage permissions. A 'Continue' button is at the bottom of the plan selection section. To the right, a box titled 'Both plans include:' lists features: Collaborative code review, Issue tracking, Open source community, Unlimited public repositories, and Join any organization. The footer contains copyright information for 2017 GitHub, Inc., and links to Terms, Privacy, Security, Status, Help, Contact GitHub, API, Training, Shop, Blog, and About.

© 2017 GitHub, Inc. [Terms](#) [Privacy](#) [Security](#) [Status](#) [Help](#) [Contact GitHub](#) [API](#) [Training](#) [Shop](#) [Blog](#) [About](#)



## 2. Como funciona?

1. Cria-se uma conta no site <https://github.com>



The screenshot shows the GitHub account customization page. The browser address bar displays 'github.com/join/customize'. The page header includes the GitHub logo, a search bar, and links for 'Pull requests', 'Issues', and 'Gist'. The main content area is titled 'Welcome to GitHub' and includes a personalized message: 'You'll find endless opportunities to learn, code, and create, @mauriciovancinetest.' Below this, there are three steps in a progress bar: 'Step 1: Completed Set up a personal account', 'Step 2: Choose your plan', and 'Step 3: Tailor your experience'. The 'Step 2' section is active and contains the following questions and options:

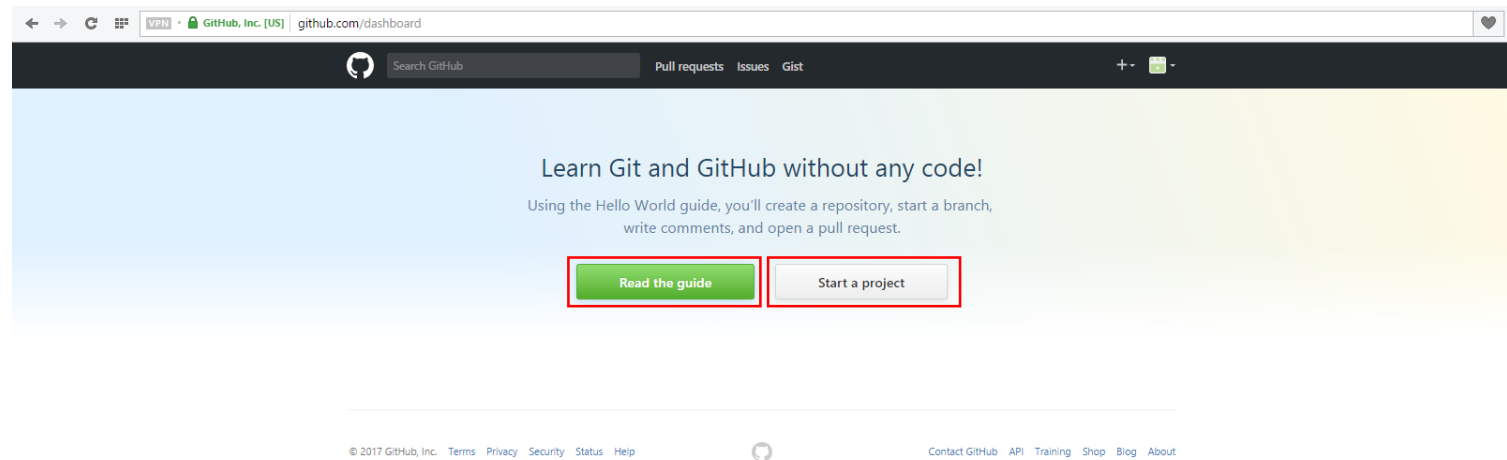
- How would you describe your level of programming experience?**
  - ☐ Very experienced
  - ☐ Somewhat experienced
  - ☐ Totally new to programming
- What do you plan to use GitHub for? (check all that apply)**
  - ☐ Project Management
  - ☐ Development
  - ☐ Research
  - ☐ School projects
  - ☐ Design
  - ☐ Other (please specify)
- Which is closest to how you would describe yourself?**
  - ☐ I'm a student
  - ☐ I'm a professional
  - ☐ I'm a hobbyist
  - ☐ Other (please specify)
- What are you interested in?**
  - 
  - e.g. tutorials, android, ruby, web-development, machine-learning, open-source

At the bottom, there are two buttons: 'Submit' and 'skip this step'.



## 2. Como funciona?

1. Cria-se uma conta no site <https://github.com>

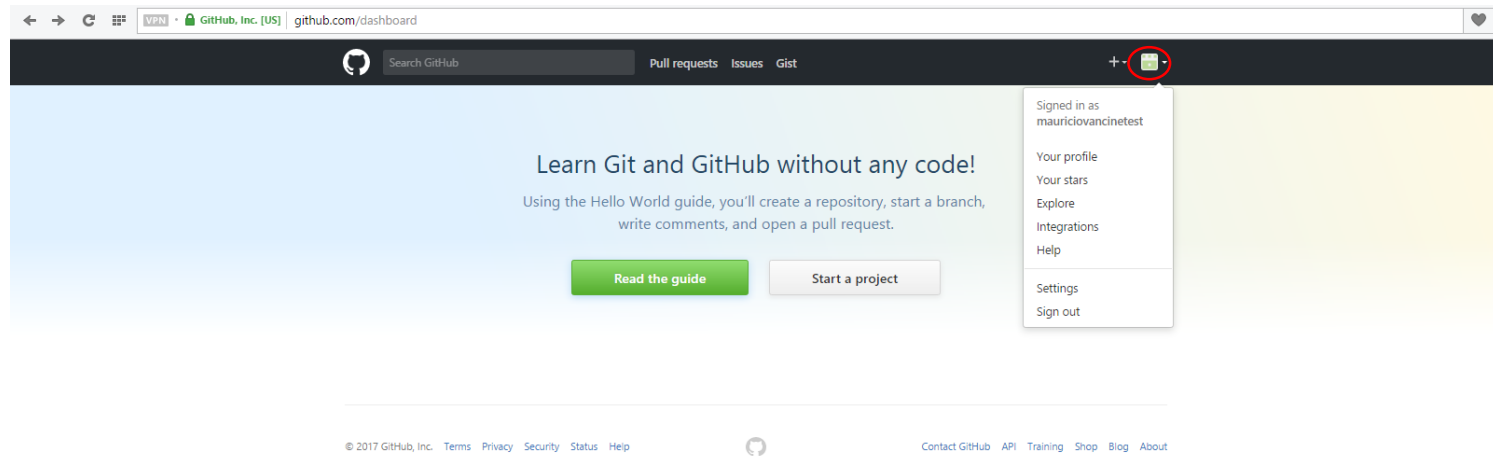


<https://guides.github.com/activities/hello-world/>



## 2. Como funciona?

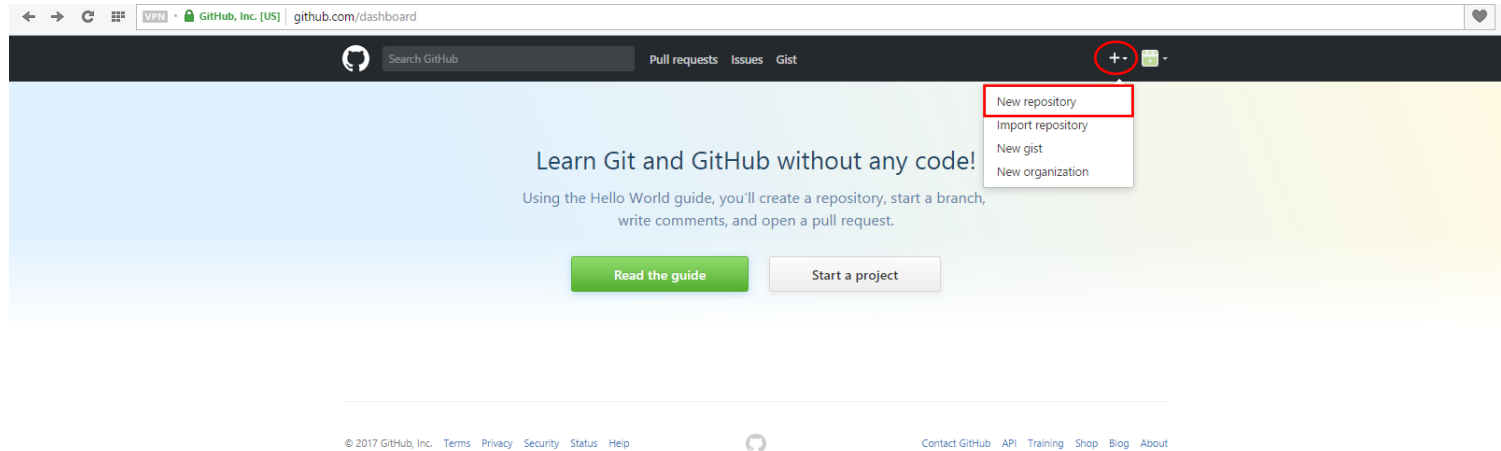
1. Cria-se uma conta no site <https://github.com>





## 2. Como funciona?

1. Cria-se uma conta no site <https://github.com>



# 2. Como funciona?

## 2. Cria-se um Repositório

← → ↻ 🔍 GitHub, Inc. [US] | github.com/new

Search GitHub Pull requests Issues Gist

### Create a new repository

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

Owner: mauriciovancine / Repository name: test ✓

Great repository names are short and memorable. Need inspiration? How about [automatic-enigma](#).

Description (optional): test

☒ 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.

Add .gitignore: R Add a license: GNU General Public License v3.0 ⓘ

Create repository



# 2. Como funciona?

## 2. Cria-se um Repositório

The screenshot shows the GitHub interface for a repository named 'test' by user 'mauriciovancine'. The page is viewed in a web browser with the address bar showing 'github.com/mauriciovancine/test'. The repository page includes a header with navigation links like 'Pull requests', 'Issues', and 'Gist'. Below the header, there are statistics for 'Unwatch', 'Star' (1), and 'Fork' (0). A row of tabs includes 'Code', 'Issues' (0), 'Pull requests' (0), 'Projects' (0), 'Wiki', 'Pulse', 'Graphs', and 'Settings'. The main content area shows the repository details: 'test' with a 'New' button and 'Add topics' link. It lists '1 commit', '1 branch', '0 releases', and '1 contributor'. A row of buttons includes 'Branch: master', 'New pull request', 'Create new file', 'Upload files', 'Find file', and 'Clone or download'. Below this, a table lists the repository's files: '.gitignore', 'LICENSE', and 'README.md', all marked as 'Initial commit' and '34 minutes ago'. The 'README.md' file is expanded, showing the text 'test'.

mauriciovancine / test

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Pulse Graphs Settings

test

New Add topics

1 commit 1 branch 0 releases 1 contributor

Branch: master New pull request Create new file Upload files Find file Clone or download

mauriciovancine	Initial commit	Latest commit fc1a72d 34 minutes ago
.gitignore	Initial commit	34 minutes ago
LICENSE	Initial commit	34 minutes ago
README.md	Initial commit	34 minutes ago

README.md

### test

test

© 2017 GitHub, Inc. Terms Privacy Security Status Help

Contact GitHub API Training Shop Blog About



# 2. Como funciona?

## 2. Cria-se um Repositório

The screenshot shows a GitHub repository page for 'mauriciovancine / test'. The browser address bar shows 'github.com/mauriciovancine/test'. The repository name 'mauriciovancine / test' is displayed at the top. Below the repository name, there are tabs for 'Code', 'Issues' (highlighted with a red box), 'Pull requests', 'Projects', 'Wiki', 'Pulse', 'Graphs', and 'Settings'. The 'Issues' tab shows '0' issues. The repository statistics show '1 commit', '1 branch', '0 releases', and '1 contributor'. The 'Branch: master' dropdown is visible. The 'New pull request' button is present. The 'Create new file', 'Upload files', 'Find file', and 'Clone or download' buttons are also visible. The repository content shows a list of files: '.gitignore', 'LICENSE', and 'README.md', all with 'Initial commit' and '34 minutes ago' timestamps. The 'README.md' file is expanded, showing the text 'test'.

test

New Add topics

1 commit 1 branch 0 releases 1 contributor

Branch: master New pull request Create new file Upload files Find file Clone or download

mauriciovancine Initial commit Latest commit fc1a72d 34 minutes ago

.gitignore	Initial commit	34 minutes ago
LICENSE	Initial commit	34 minutes ago
README.md	Initial commit	34 minutes ago

README.md

test

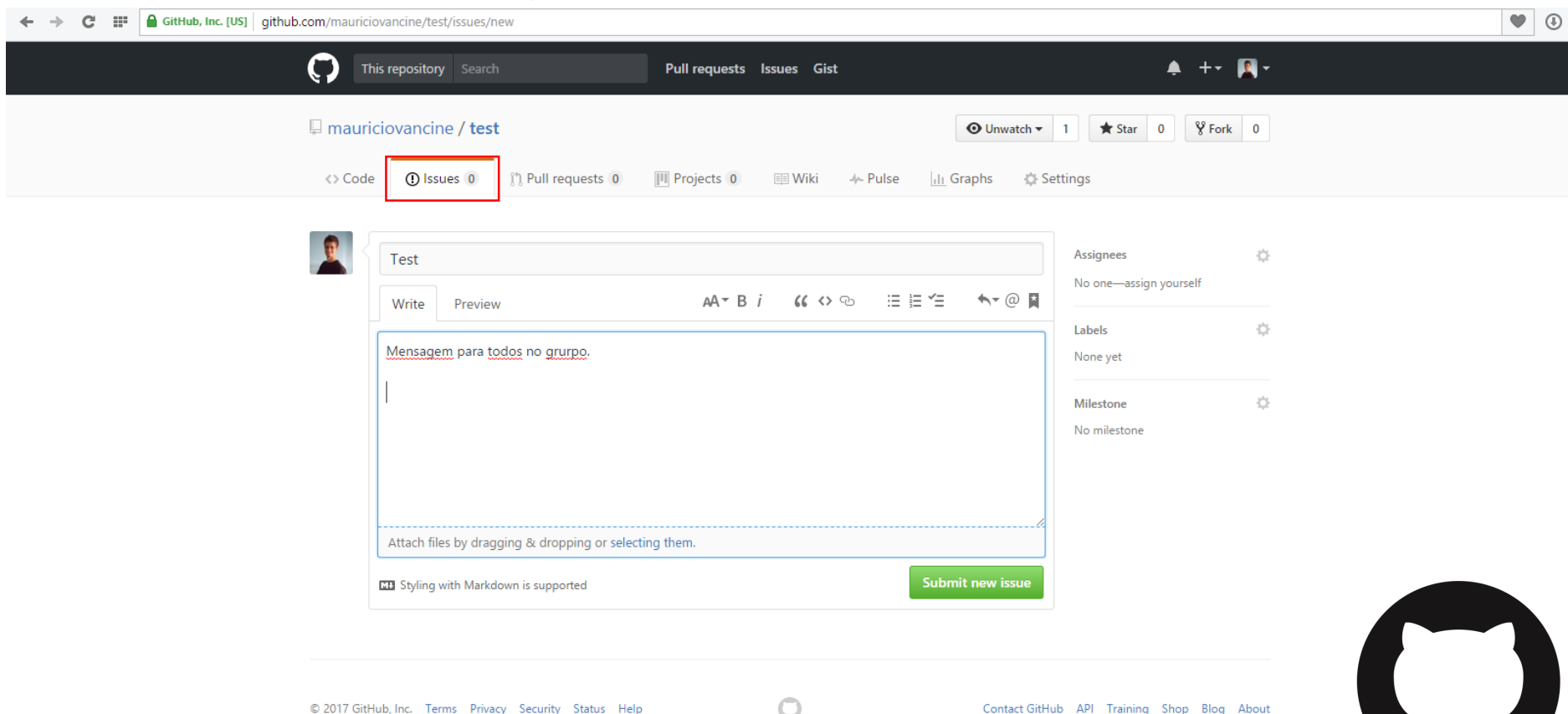
test

© 2017 GitHub, Inc. Terms Privacy Security Status Help Contact GitHub API Training Shop Blog About



# 2. Como funciona?

## 2. Cria-se um Repositório



The screenshot shows the GitHub interface for creating a new issue in the repository 'mauriciovancine / test'. The browser address bar shows 'github.com/mauriciovancine/test/issues/new'. The repository name 'mauriciovancine / test' is displayed at the top, along with statistics: 1 Unwatch, 0 Stars, and 0 Forks. Below the repository name, there are tabs for 'Code', 'Issues' (which is highlighted with a red box and shows 0 issues), 'Pull requests', 'Projects', 'Wiki', 'Pulse', 'Graphs', and 'Settings'. The main content area is titled 'Test' and has a 'Write' tab selected. The text input field contains the text 'Mensagem para todos no grupo.' and a placeholder 'Attach files by dragging & dropping or selecting them.' at the bottom. A green 'Submit new issue' button is located at the bottom right of the text area. On the right side, there are sections for 'Assignees' (No one—assign yourself), 'Labels' (None yet), and 'Milestone' (No milestone). The footer of the page shows the copyright notice '© 2017 GitHub, Inc.' and links to 'Terms', 'Privacy', 'Security', 'Status', and 'Help'. The GitHub logo is also present in the footer.



## 2. Como funciona?

### 3. Clona-se (Fork) um Repositório

The screenshot shows the GitHub interface for a repository named 'test' by user 'mauriciovancine'. The repository has 1 commit, 1 branch, 0 releases, and 1 contributor. The 'Clone or download' button is highlighted with a red box. The repository contains files: .gitignore, LICENSE, and README.md, all with initial commits 34 minutes ago. The README.md content is visible, showing the word 'test'.

mauriciovancine / test

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Pulse Graphs Settings

test

New Add topics

1 commit 1 branch 0 releases 1 contributor

Branch: master New pull request Create new file Upload files Find file Clone or download

mauriciovancine Initial commit Latest commit fc1a72d 34 minutes ago

.gitignore	Initial commit	34 minutes ago
LICENSE	Initial commit	34 minutes ago
README.md	Initial commit	34 minutes ago

README.md

test

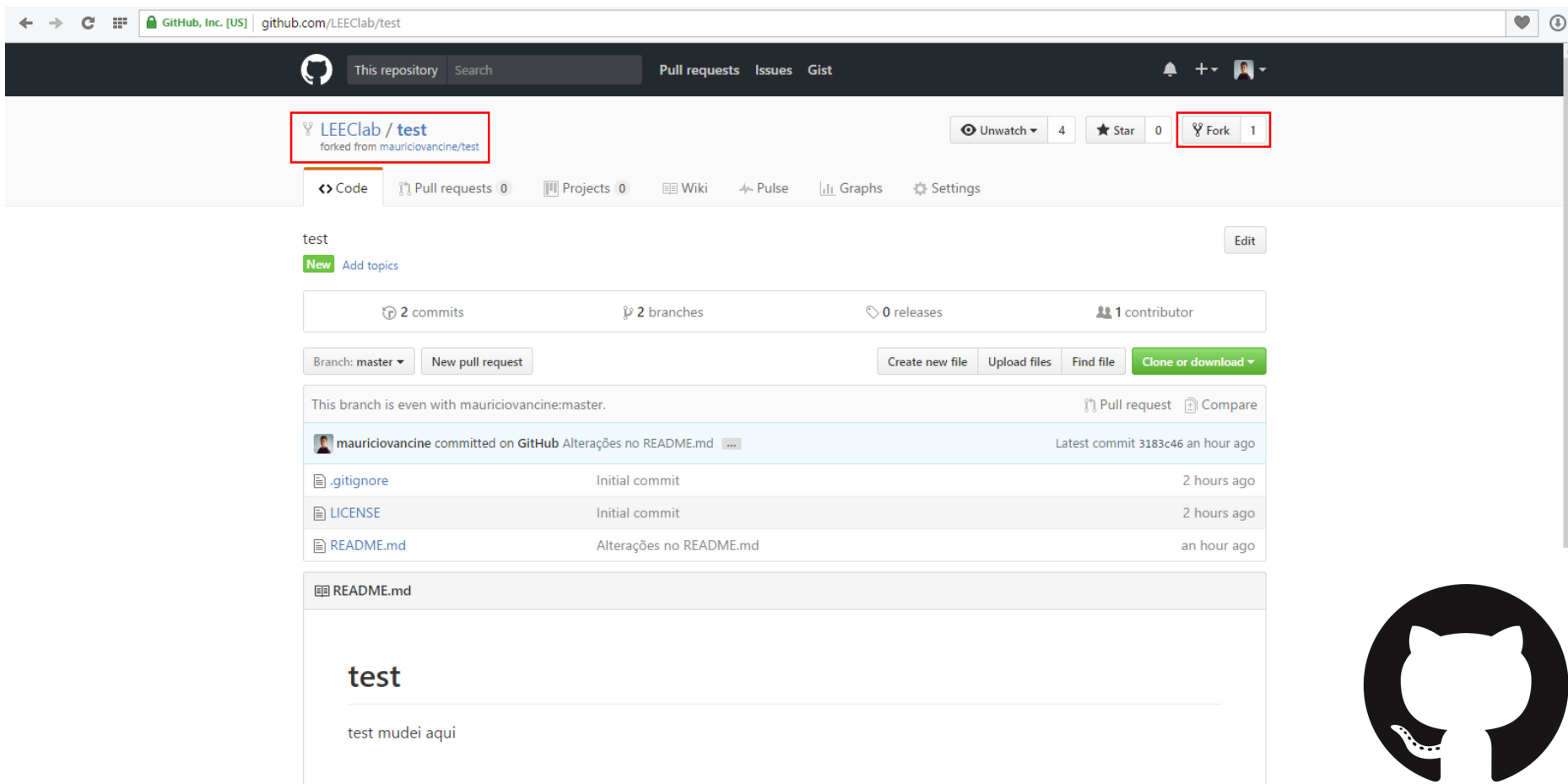
test

<http://blog.da2k.com.br/2015/02/04/git-e-github-do-clone-ao-pull-request/>



## 2. Como funciona?

### 3. Clona-se (Fork) um Repositório



The screenshot shows a GitHub repository page for 'LEEClab / test', which is a fork of 'mauriciovancine/test'. The repository has 0 stars and 1 fork. The page displays the repository's metadata, including 2 commits, 2 branches, 0 releases, and 1 contributor. A table lists the files in the repository: .gitignore, LICENSE, and README.md, along with their commit history. The README.md file is open, showing the text 'test' and 'test mudei aqui'.

LEEClab / test  
forked from mauriciovancine/test

Unwatch 4 Star 0 Fork 1

Code Pull requests 0 Projects 0 Wiki Pulse Graphs Settings

test Edit

New Add topics

2 commits 2 branches 0 releases 1 contributor

Branch: master New pull request Create new file Upload files Find file Clone or download

This branch is even with mauriciovancine:master. Pull request Compare

File	Commit	Time
.gitignore	Initial commit	2 hours ago
LICENSE	Initial commit	2 hours ago
README.md	Alterações no README.md	an hour ago

README.md

test

test mudei aqui



# 3. Controle de Versão

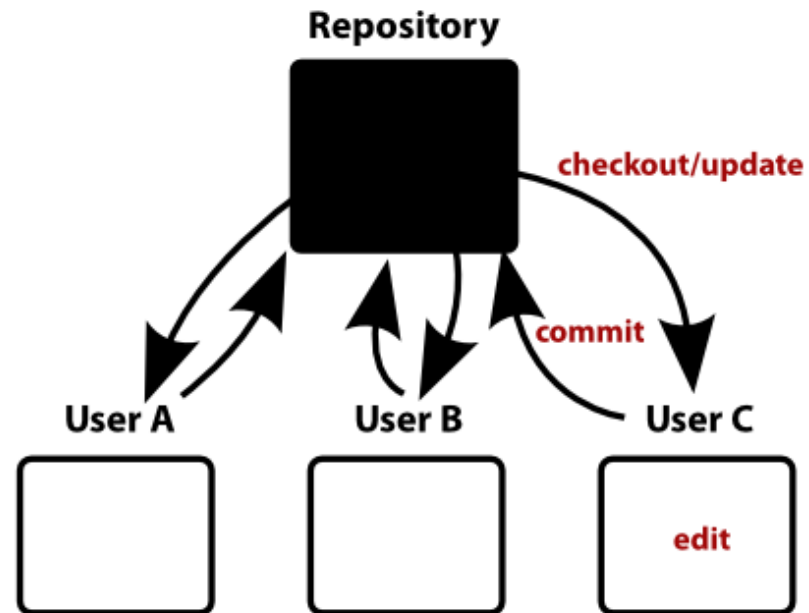
Quem nunca?





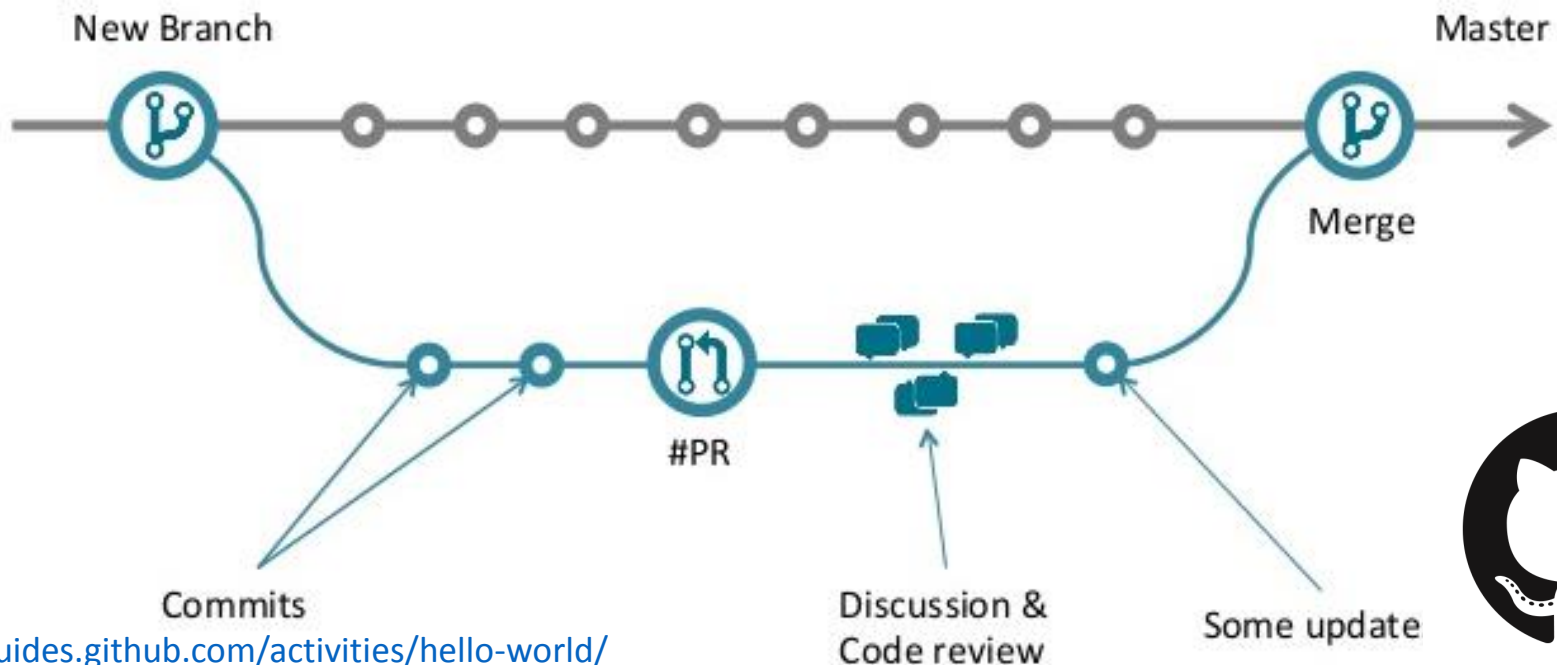
# 3. Controle de Versão

Quem nunca?



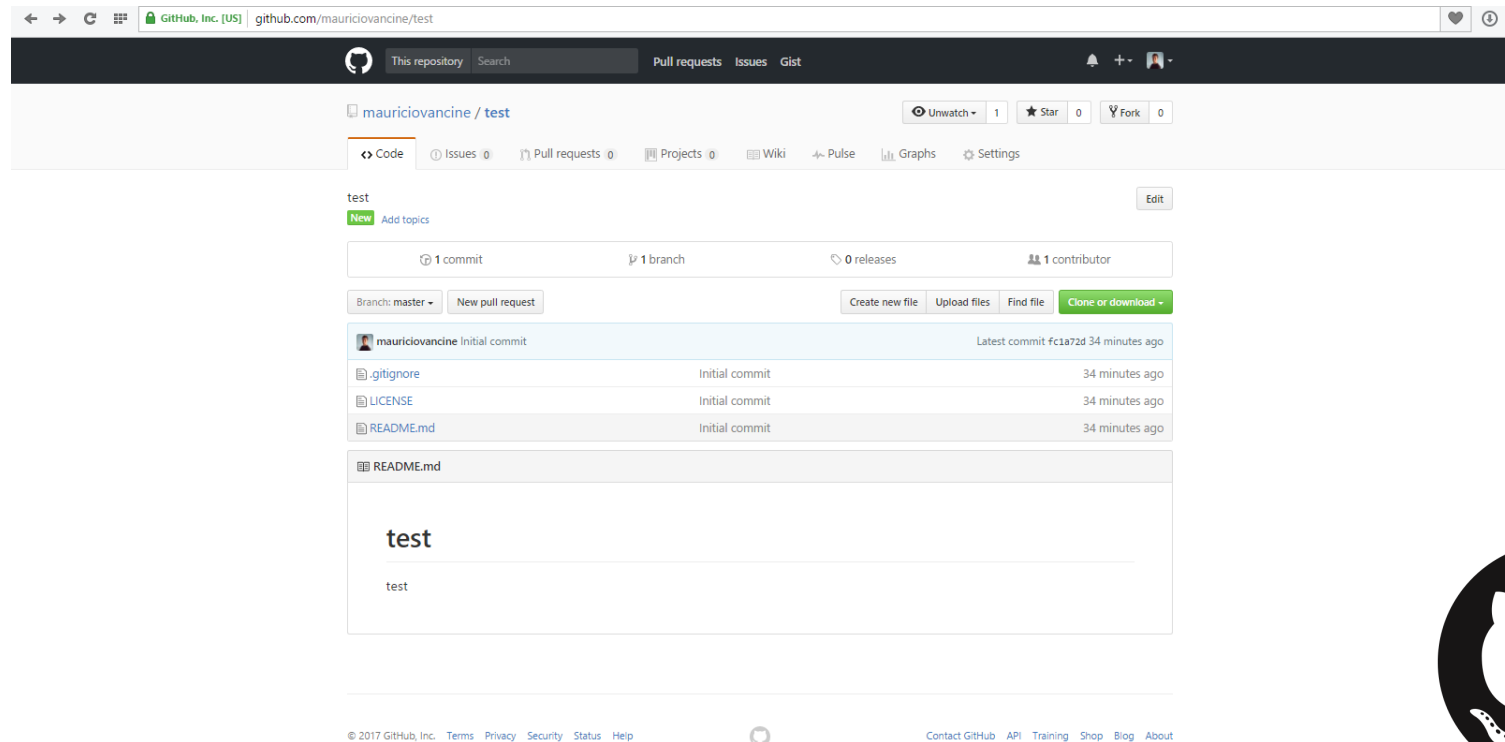
# 3. Controle de Versão

O **Controle de Versão** funciona com o *Fork* de um *Repositório*, criação de um ou vários *Branchs*, que fazem *Commits* (mudanças), que então são selecionados e integrados em um *Pull Request*, e então sofrem um *Merge* pelo *Branch Master* no projeto original.



# 4. Termos estranhos...

1. **Repositório:** local onde se armazena um projeto, com códigos, adiciona-se pessoas e onde se faz controle das versões. Pode ser criado ou Clonado (Fork)



## 4. Termos estranhos...

2. **Branch (ramificação)**: usuários que trabalham em diferentes versões de um repositório ao mesmo tempo.

Just another repository — Edit

1 commit

1 branch



branch: master

hello-world / +

Initial commit



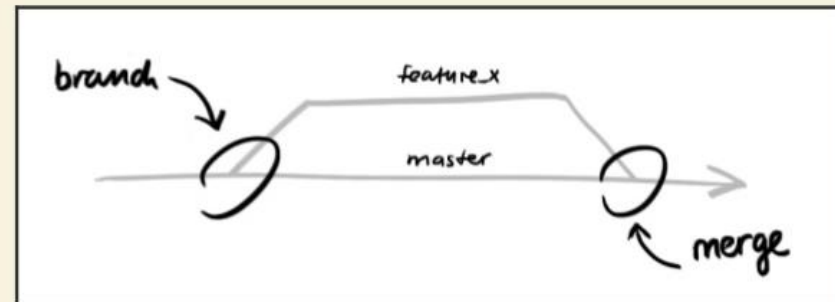
hubot authored just now

README.md

Initial

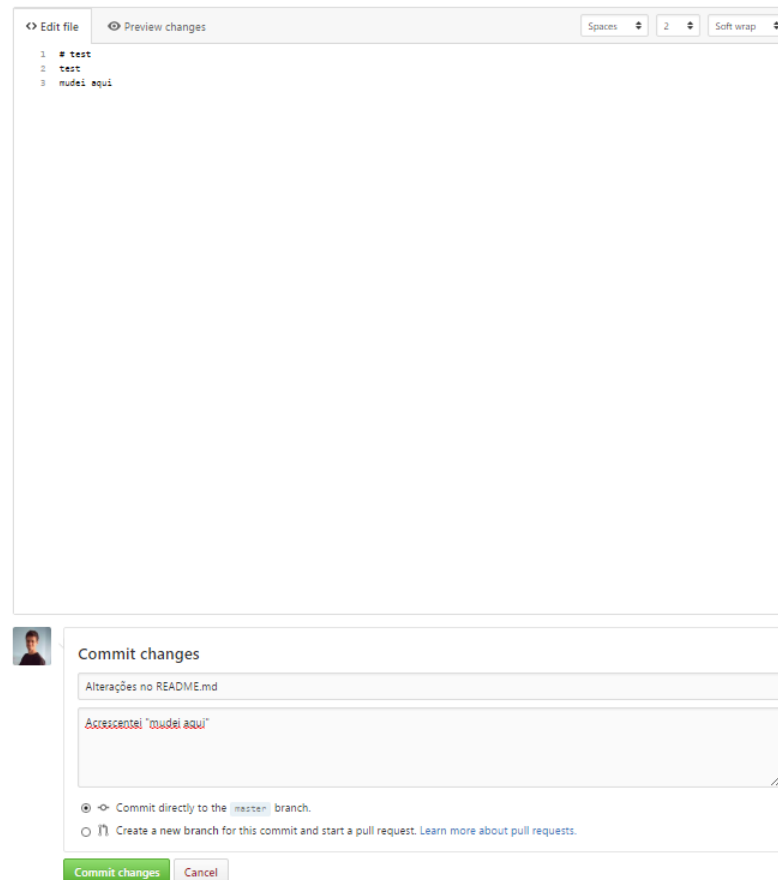
README.md

## BRANCHING



# 4. Termos estranhos...

## 3. **Commit (confirmação)**: alterações e confirmações salvas.



The screenshot shows the GitHub web interface. At the top, there's a tab for "Edit file" and a "Preview changes" button. The file content is as follows:

```
1 # test
2 test
3 model aqui
```

Below the editor, there's a "Commit changes" section. It includes a text input field with the text "Alterações no README.md". Below that is a larger text area containing the commit message "Adicionei 'model aqui'". At the bottom of the commit section, there are two radio buttons: the first is selected and labeled "Commit directly to the master branch.", and the second is labeled "Create a new branch for this commit and start a pull request. Learn more about pull requests." At the very bottom of the commit section are two buttons: "Commit changes" (in green) and "Cancel".



# 4. Termos estranhos...

**4. Pull Request (pedir solicitação):** propostas de alterações e solicitação de revisão da contribuição, para que o *Branch Master* mescle-as em seu ramo principal. As solicitações as mostram diferenças do conteúdo de ambos os ramos. As adições e subtrações são mostradas em verde e vermelho.


Showing 1 changed file with 1 addition and 1 deletion.


2 README.md		
...	...	@@ -1,4 +1,4 @@
1	1	hello-world
2	2	=====
3	3	
4		-Just another repository
	4	+Hubot here, I like Node.js and Coffee them far superior to Earth tacos.





## 4. Termos estranhos...

**5. Merge (juntar):** nesta etapa final, é hora de juntar as alterações - mesclando o ramo de edições de leitura ao ramo principal




 **This branch has no conflicts with the base branch**  
Merging can be performed automatically.

 **Merge pull request** You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

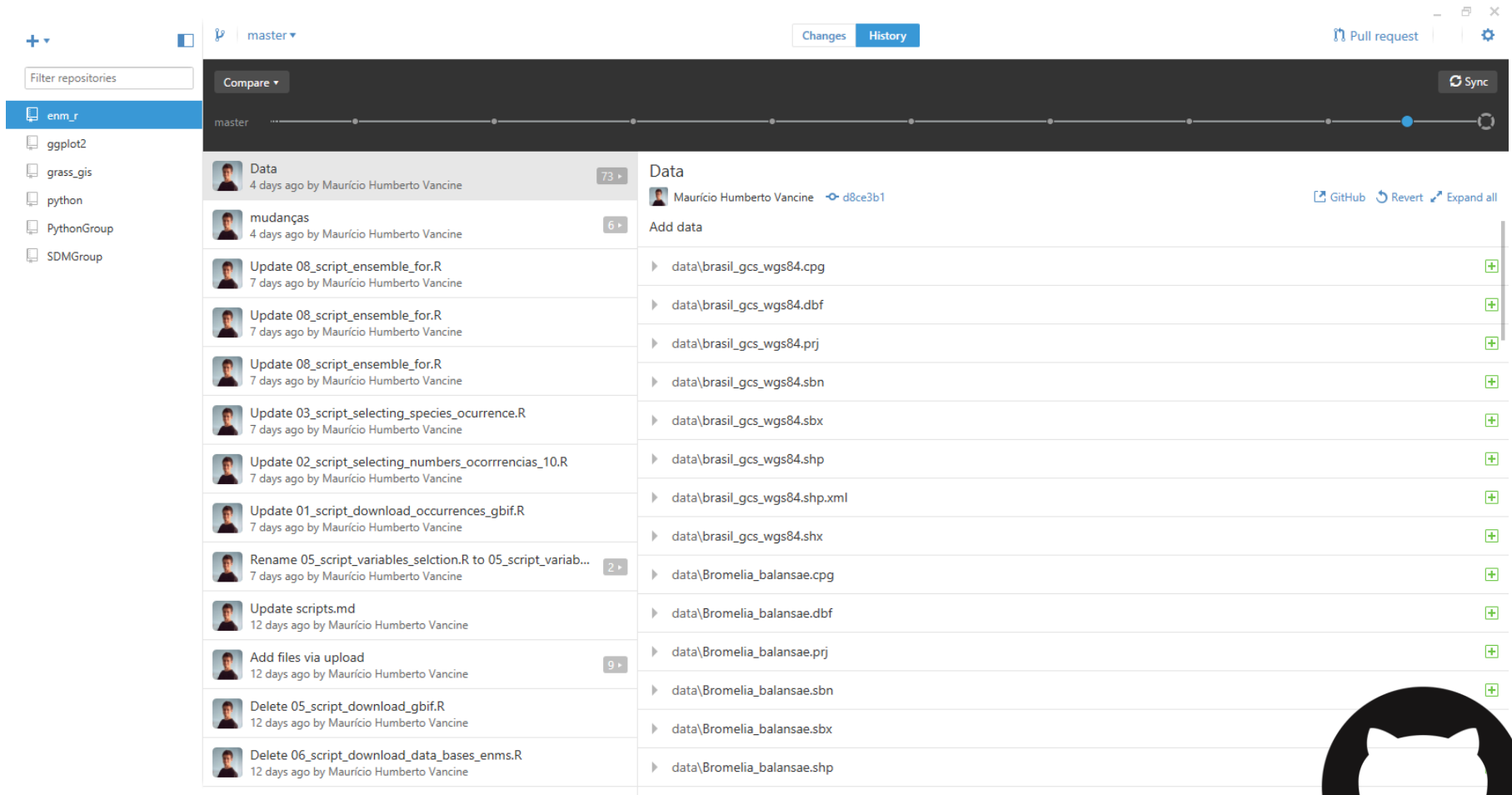
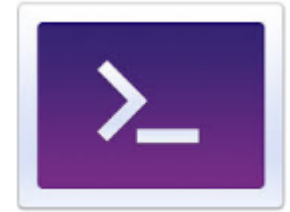


**Pull request successfully merged and closed**  
You're all set—the `readme-edits` branch can be safely deleted.

 **Delete branch**



# 5. GitHub Desktop



Filter repositories

enm\_r

ggplot2

grass\_gis

python

PythonGroup

SDMGGroup

master

Compare

Changes History

Pull request

Sync

Data

4 days ago by Maurício Humberto Vancine 73

mudanças

4 days ago by Maurício Humberto Vancine 6

Update 08\_script\_ensemble\_for.R

7 days ago by Maurício Humberto Vancine

Update 08\_script\_ensemble\_for.R

7 days ago by Maurício Humberto Vancine

Update 08\_script\_ensemble\_for.R

7 days ago by Maurício Humberto Vancine

Update 03\_script\_selecting\_species\_occurrence.R

7 days ago by Maurício Humberto Vancine

Update 02\_script\_selecting\_numbers\_ocorrencias\_10.R

7 days ago by Maurício Humberto Vancine

Update 01\_script\_download\_occurrences\_gbif.R

7 days ago by Maurício Humberto Vancine

Rename 05\_script\_variables\_selction.R to 05\_script\_variab...

7 days ago by Maurício Humberto Vancine 2

Update scripts.md

12 days ago by Maurício Humberto Vancine

Add files via upload

12 days ago by Maurício Humberto Vancine 9

Delete 05\_script\_download\_gbif.R

12 days ago by Maurício Humberto Vancine

Delete 06\_script\_download\_data\_bases\_enms.R

12 days ago by Maurício Humberto Vancine

Data

Maurício Humberto Vancine d8ce3b1

Add data

data\brasil\_gcs\_wgs84.cpg

data\brasil\_gcs\_wgs84.dbf

data\brasil\_gcs\_wgs84.prj

data\brasil\_gcs\_wgs84.sbn

data\brasil\_gcs\_wgs84.sbx

data\brasil\_gcs\_wgs84.shp

data\brasil\_gcs\_wgs84.shp.xml

data\brasil\_gcs\_wgs84.shx

data\Bromelia\_balansae.cpg

data\Bromelia\_balansae.dbf

data\Bromelia\_balansae.prj

data\Bromelia\_balansae.sbn

data\Bromelia\_balansae.sbx

data\Bromelia\_balansae.shp

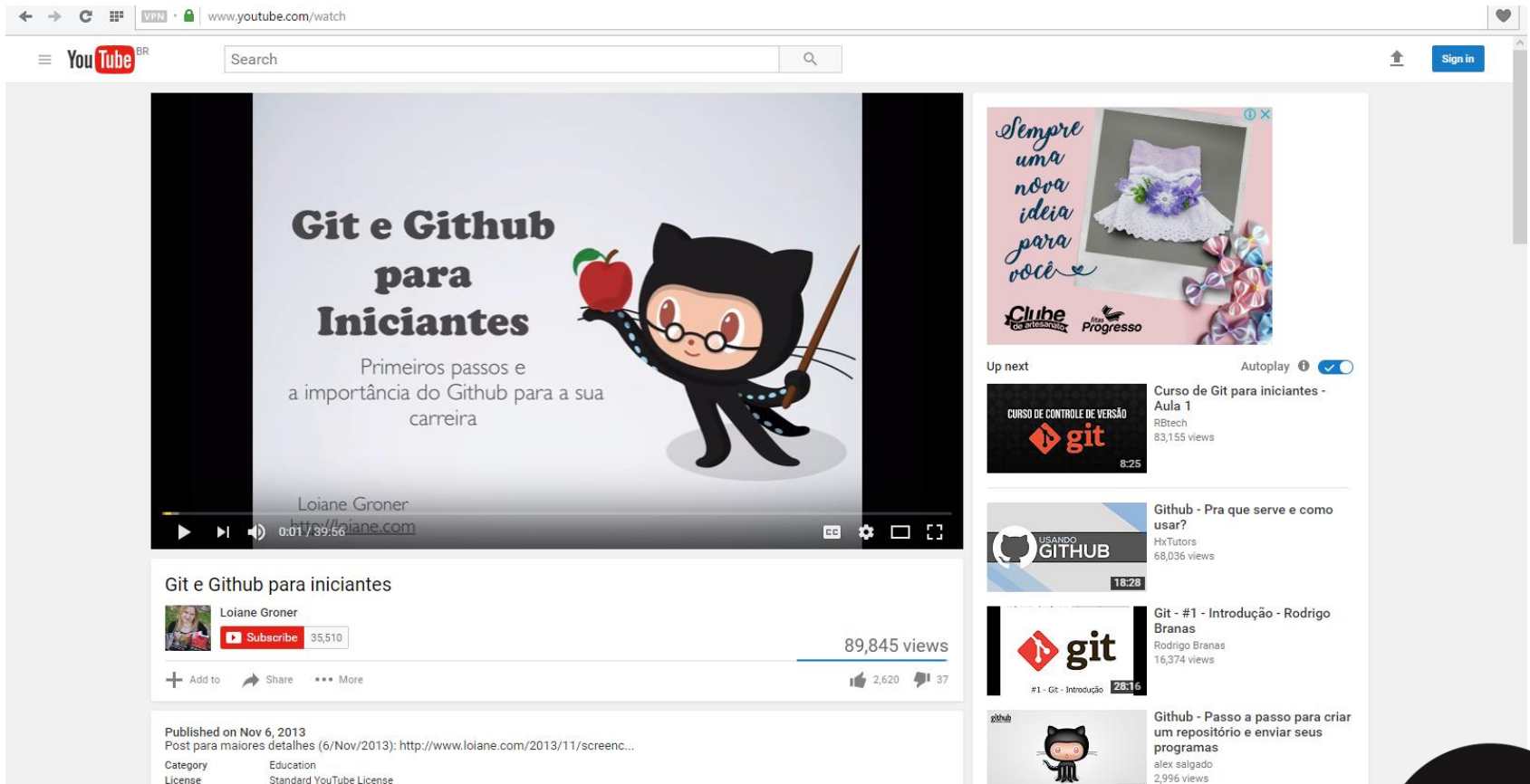
GitHub Revert Expand all

<https://desktop.github.com>





# 6. Mais informações



The screenshot shows a YouTube video player interface. The main video is titled "Git e Github para Iniciantes" by Loiane Groner, with a duration of 0:01 / 39:56. The video content shows a cartoon cat holding a red apple, with the text "Git e Github para Iniciantes" and "Primeiros passos e a importância do Github para a sua carreira". Below the video, there is a description: "Published on Nov 6, 2013. Post para maiores detalhes (6/Nov/2013): http://www.loiane.com/2013/11/screenc...". The video has 89,845 views and 2,620 likes. The right sidebar shows recommended videos, including "Curso de Git para iniciantes - Aula 1" by RIBTech (83,155 views) and "Github - Pra que serve e como usar?" by HxTutors (68,036 views).

**Git e Github para Iniciantes**  
Primeiros passos e a importância do Github para a sua carreira

Loiane Groner  
Subscribe 35,510

89,845 views  
2,620 likes 37 dislikes

Published on Nov 6, 2013  
Post para maiores detalhes (6/Nov/2013): <http://www.loiane.com/2013/11/screenc...>

Category: Education  
License: Standard YouTube License

**Up next**

**Curso de Git para iniciantes - Aula 1**  
RIBTech  
83,155 views  
8:25

**Github - Pra que serve e como usar?**  
HxTutors  
68,036 views  
18:28

**Git - #1 - Introdução - Rodrigo Branas**  
Rodrigo Branas  
16,374 views  
28:16

**Github - Passo a passo para criar um repositório e enviar seus programas**  
alex salgado  
2,996 views

<https://www.youtube.com/watch?v=UMhskLXJuq4>



# Perguntas?

