

PythonGroup

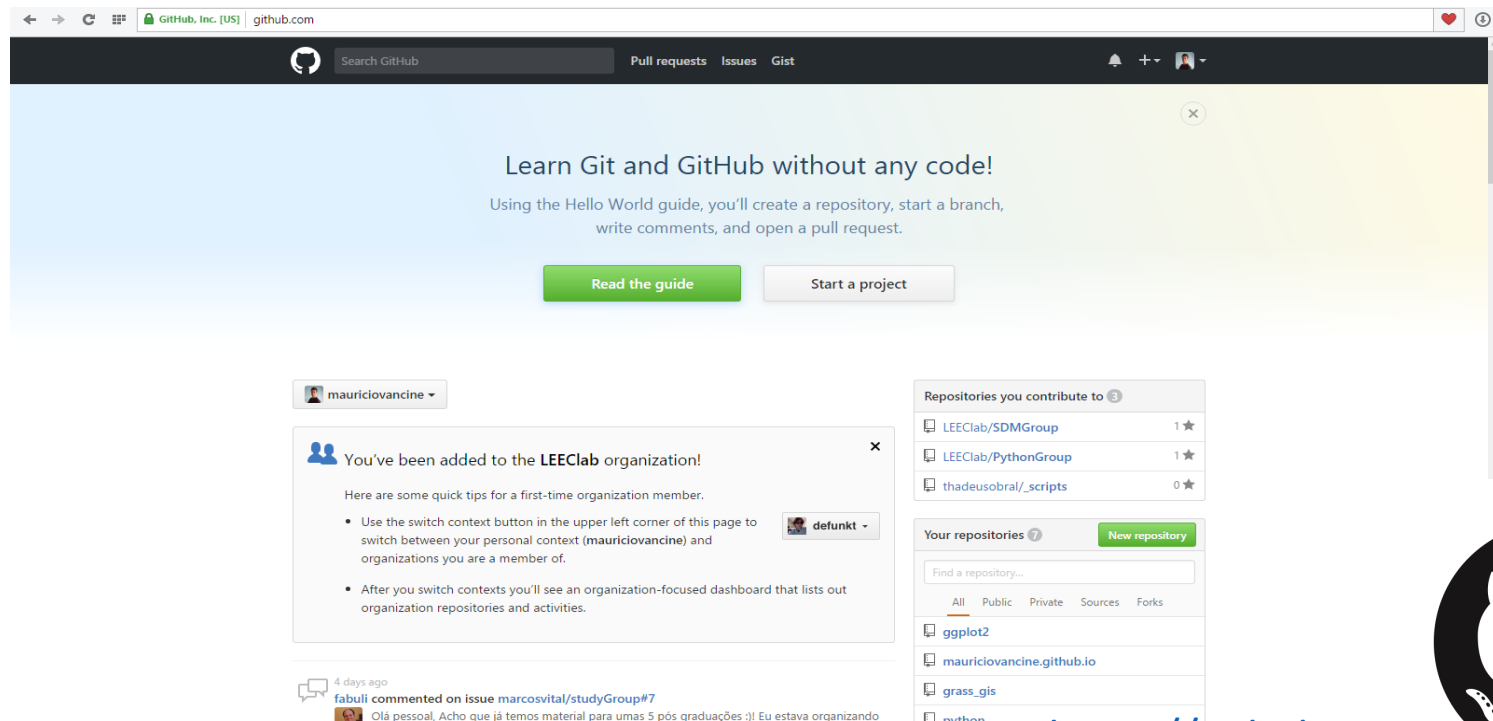
GitHub

Maurício Humberto Vancine



1. O que é?

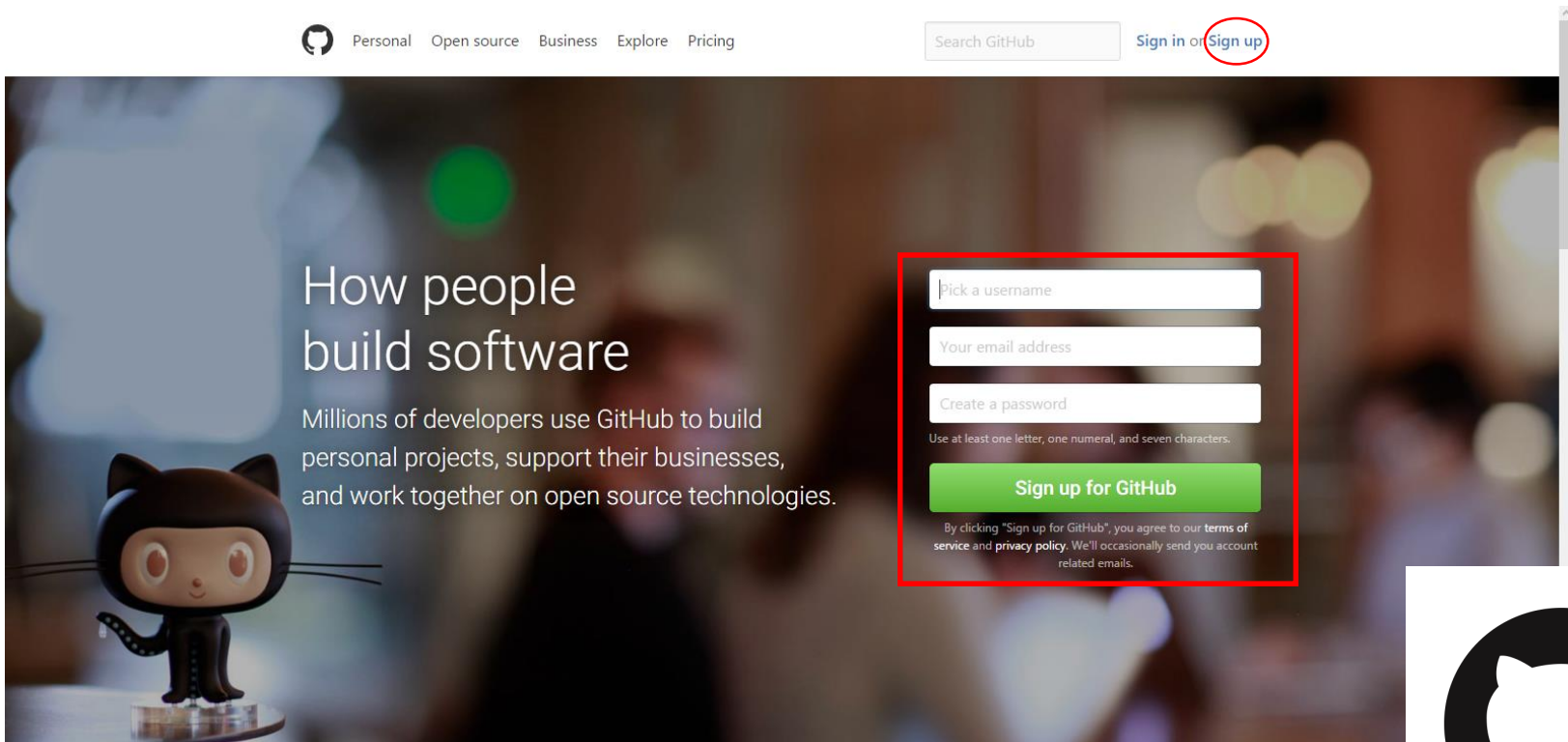
Site para armazenar códigos e arquivos, além de realizar 3. Controle de Versão para múltiplos usuários



<https://github.com>

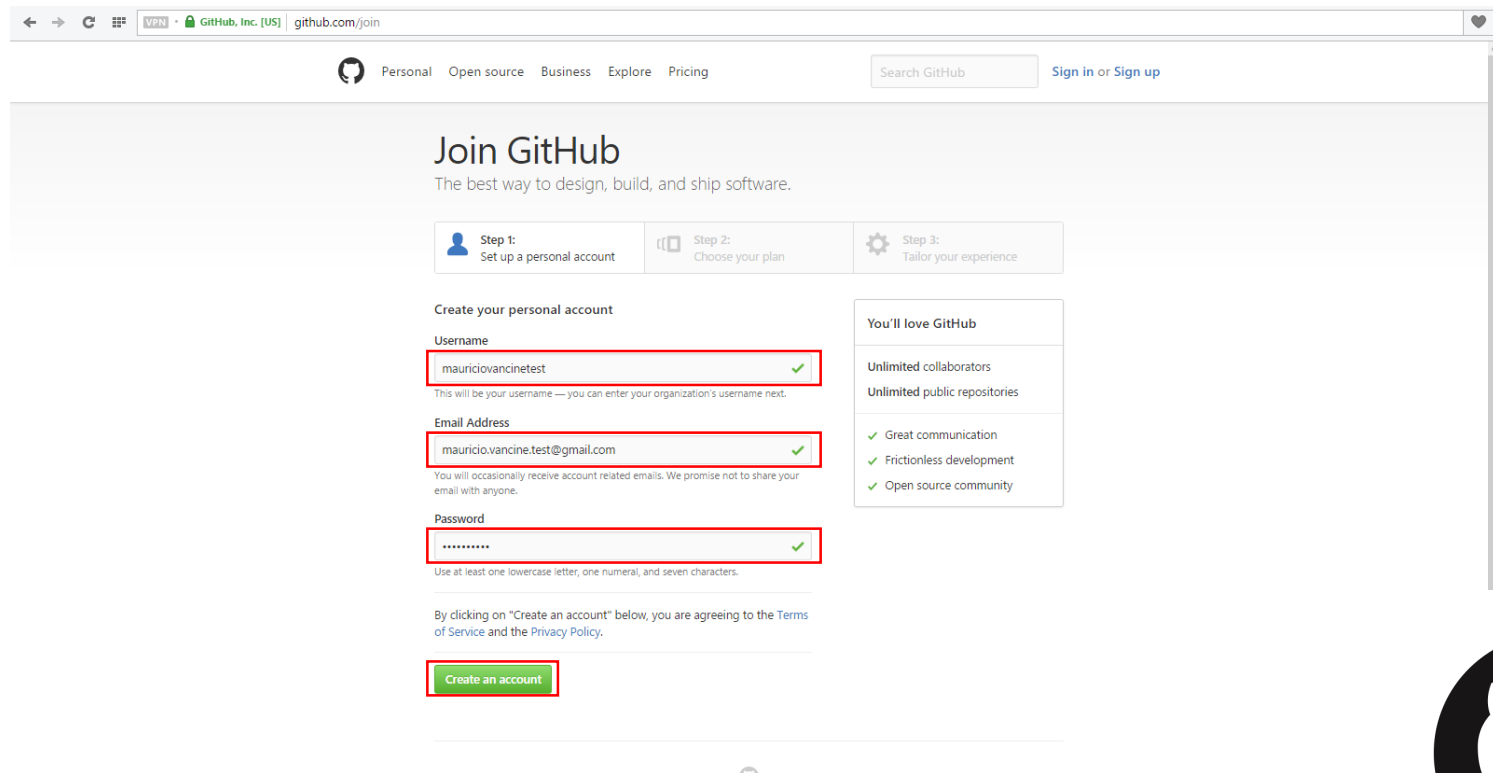
2. Como funciona?

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



2. Como funciona?

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

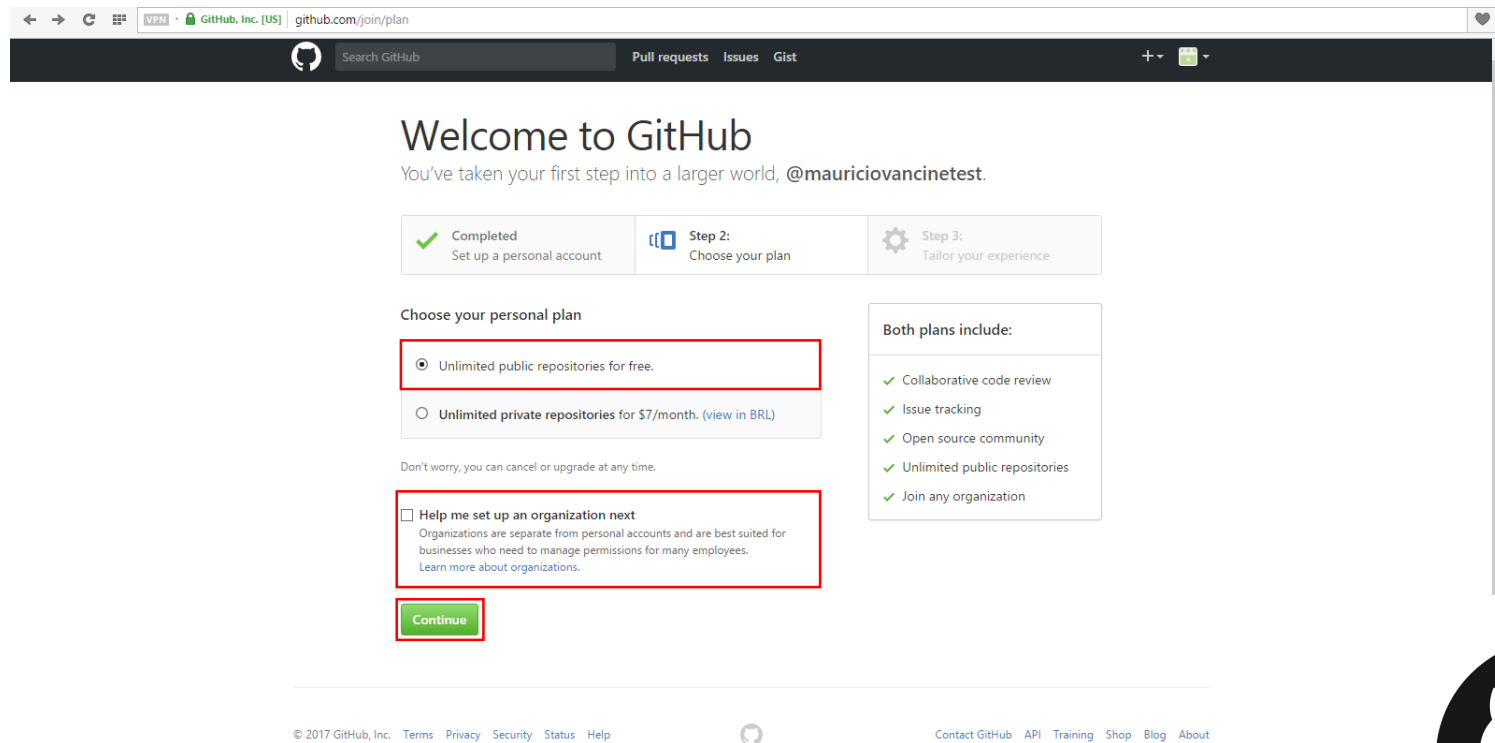


The screenshot shows the GitHub 'Join GitHub' page. The browser address bar displays 'github.com/join'. The page header includes navigation links: Personal, Open source, Business, Explore, Pricing, a search bar, and 'Sign in or Sign up'. The main heading is 'Join GitHub' with the tagline 'The best way 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-bordered 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 border. 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>



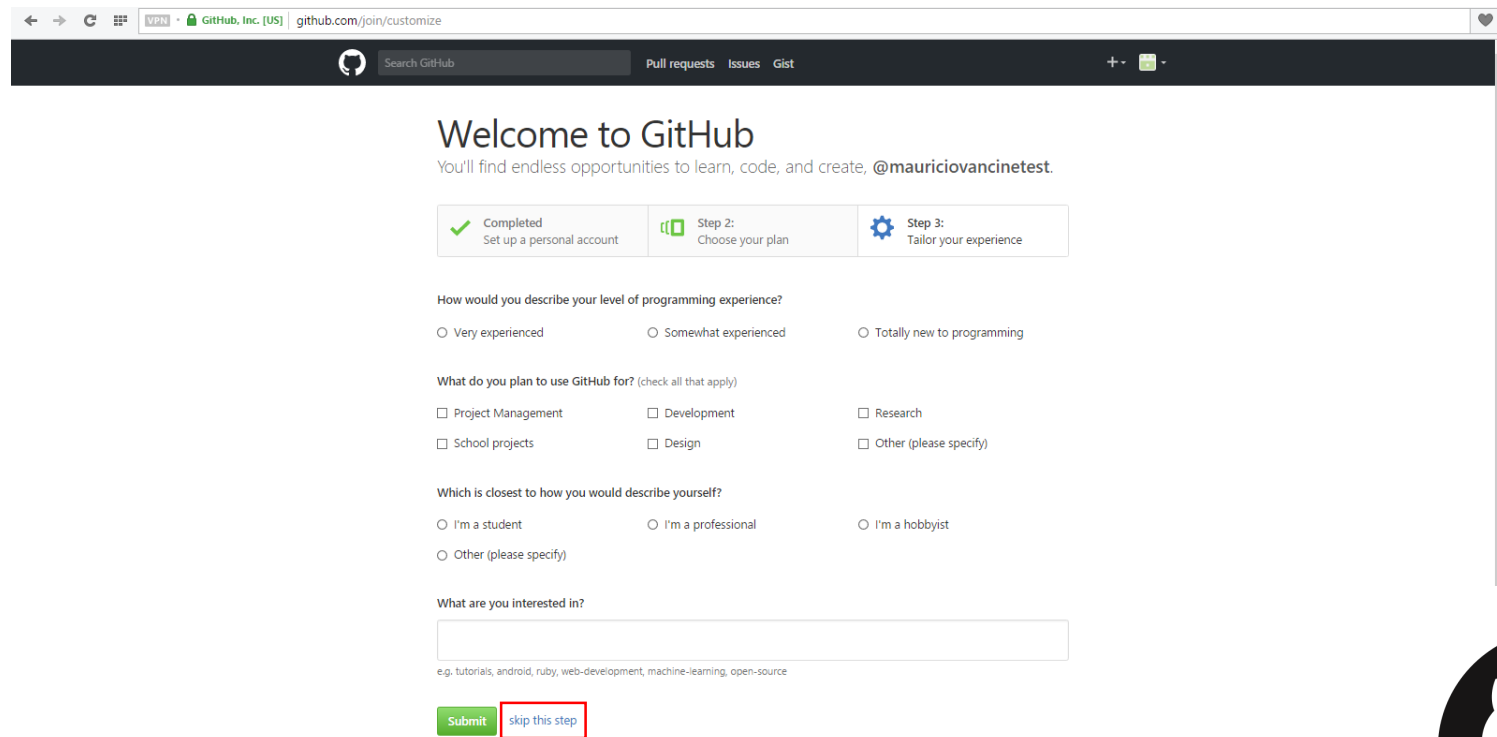
The screenshot shows the GitHub 'Welcome to GitHub' page for a new user, @mauriciovancinetest. The page is divided into three steps: Step 1 (Completed: Set up a personal account), Step 2 (Choose your plan), and Step 3 (Tailor your experience). Under 'Choose your personal plan', there are two radio button options: 'Unlimited public repositories for free.' (selected) and 'Unlimited private repositories for \$7/month. (view in BRL)'. Below these options, a checkbox labeled 'Help me set up an organization next' is present, with a note that organizations are for businesses needing to manage permissions for many employees. 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., links to Terms, Privacy, Security, Status, and Help, and links to Contact GitHub, API, Training, Shop, Blog, and About.

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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:

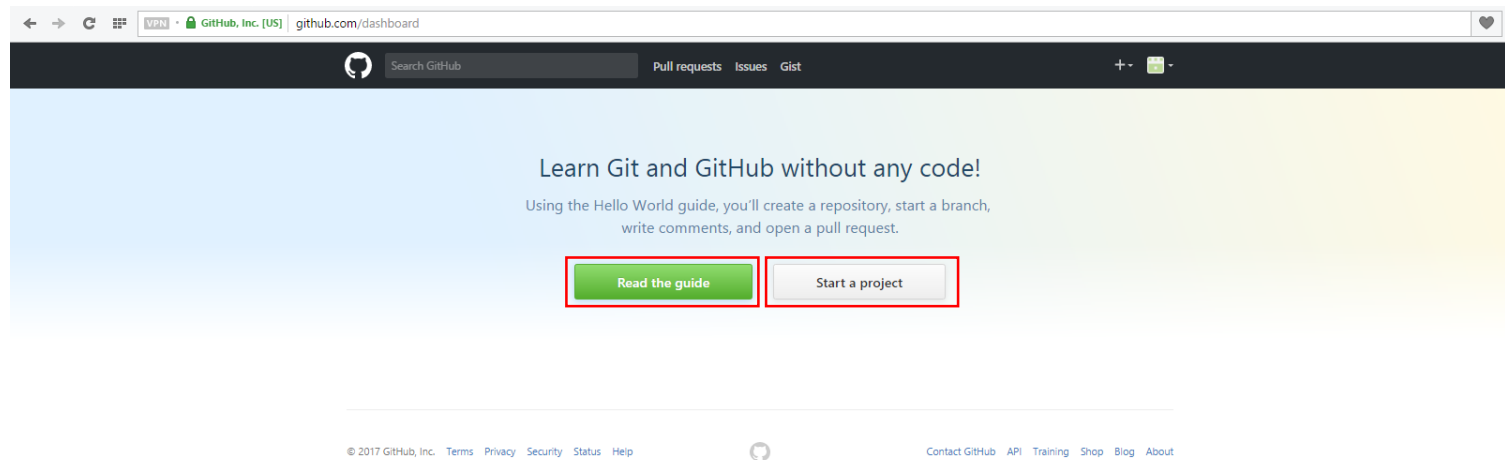
- How would you describe your level of programming experience?**
 - ☐ Very experienced
 - ☐ Somewhat experienced
 - ☐ Totally new to programming
- What do you plan to use GitHub for? (check all that apply)**
 - ☐ Project Management
 - ☐ Development
 - ☐ Research
 - ☐ School projects
 - ☐ Design
 - ☐ 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' (which is highlighted with a red border).



2. Como funciona?

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

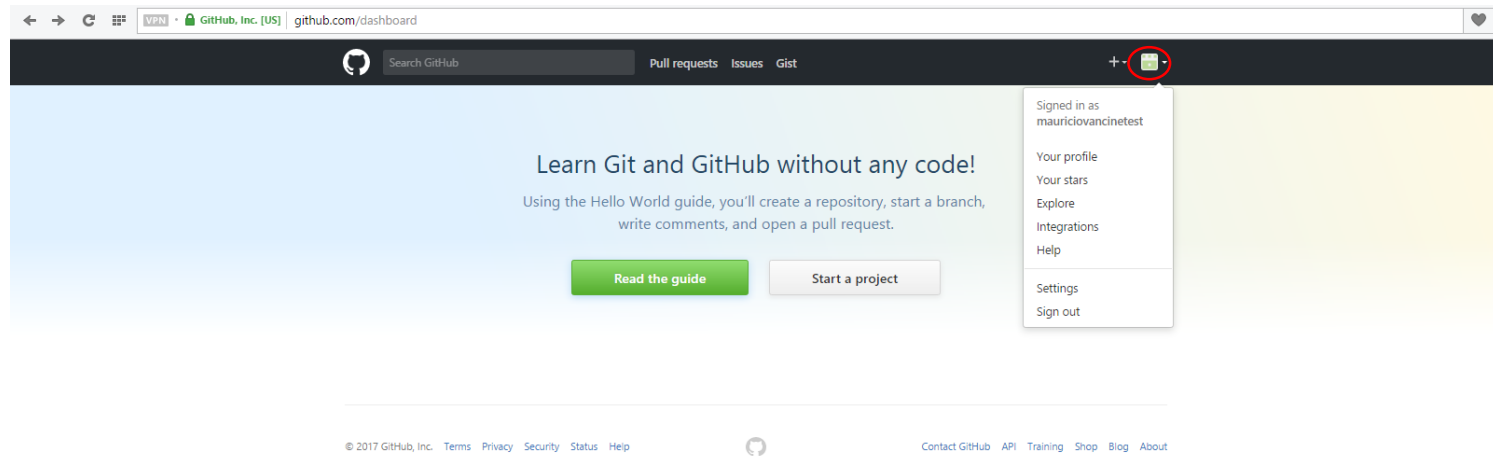


<https://guides.github.com/activities/hello-world/>



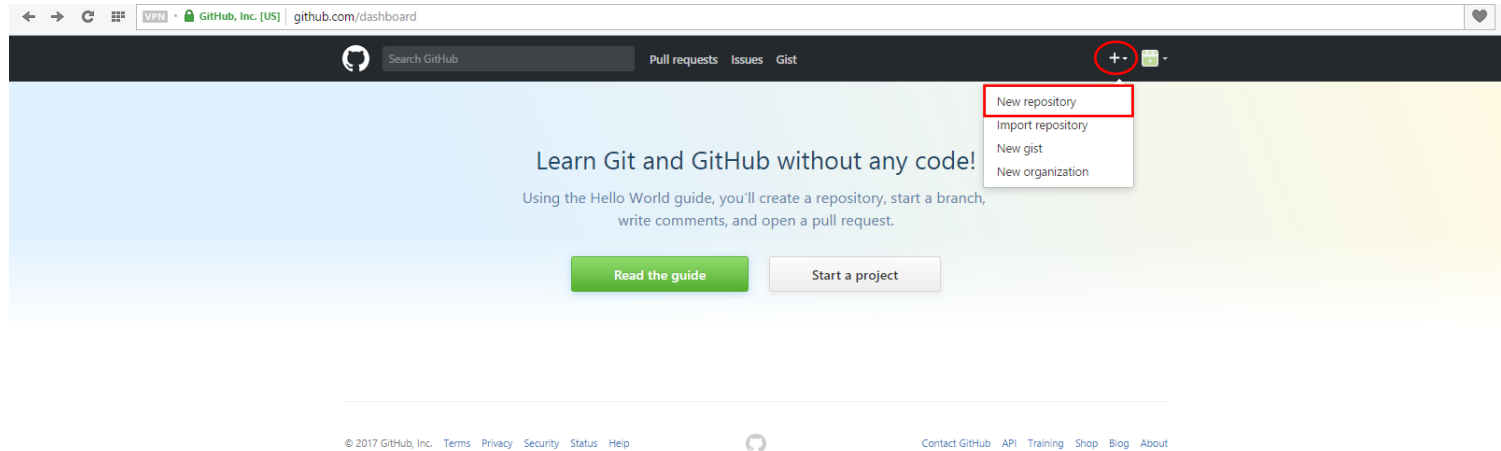
2. Como funciona?

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 '1 commit', '1 branch', '0 releases', and '1 contributor'. Below this, there are buttons for 'Branch: master', 'New pull request', 'Create new file', 'Upload files', 'Find file', and 'Clone or download'. A table lists the files in the repository: '.gitignore', 'LICENSE', and 'README.md', all from the 'Initial commit' made '34 minutes ago'. The 'README.md' file is expanded, showing the content '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

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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. Below the tabs, there is a section for repository statistics: '1 commit', '1 branch', '0 releases', and '1 contributor'. There are buttons for 'Branch: master', 'New pull request', 'Create new file', 'Upload files', 'Find file', and 'Clone or download'. Below the statistics, there is a table of files in the repository:

File	Commit	Time
.gitignore	Initial commit	34 minutes ago
LICENSE	Initial commit	34 minutes ago
README.md	Initial commit	34 minutes ago

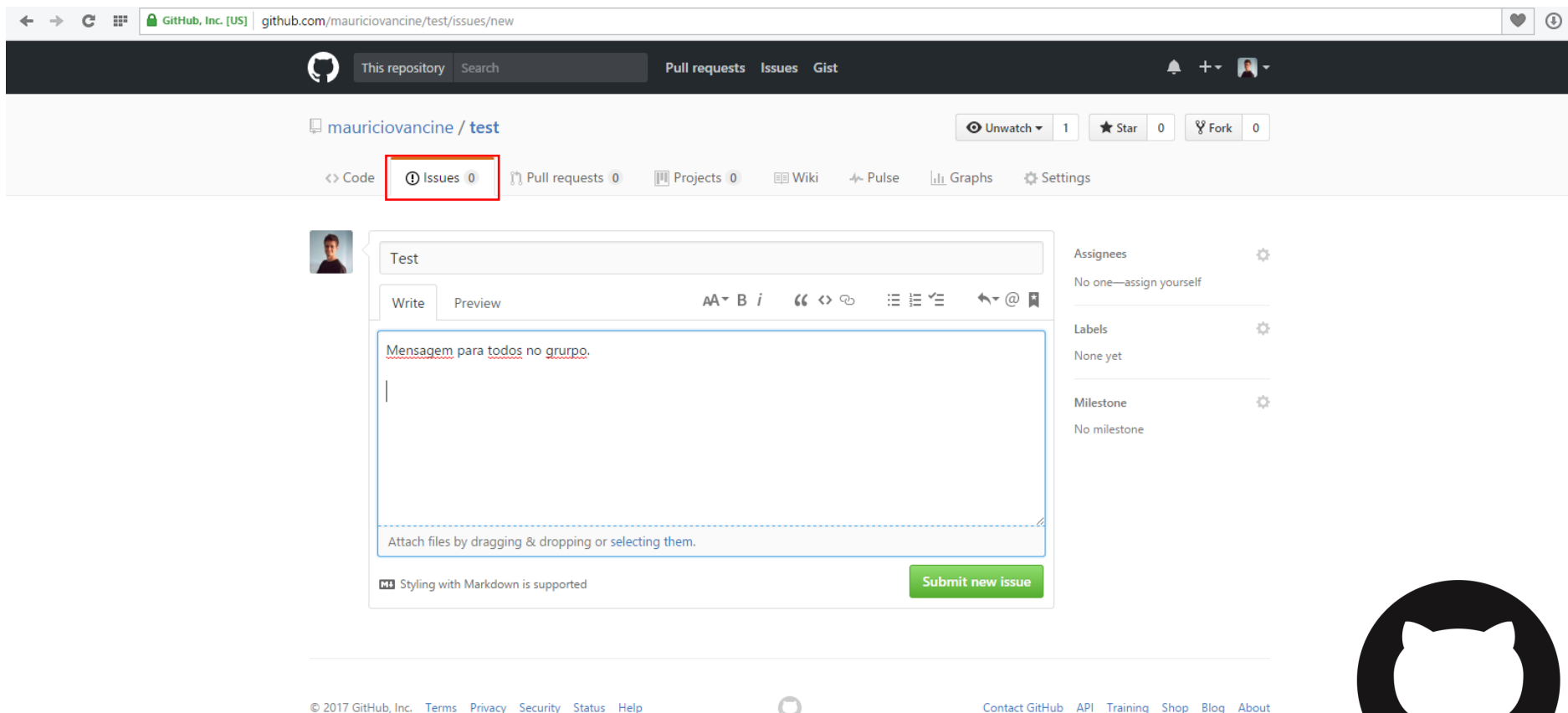
Below the table, there is a section for the 'README.md' file, which contains the text 'test'.

At the bottom of the page, there is a footer with copyright information: '© 2017 GitHub, Inc. Terms Privacy Security Status Help'. There is also a GitHub logo and links for 'Contact GitHub', 'API', 'Training', 'Shop', 'Blog', and '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. A navigation bar includes links for 'Code', 'Issues' (highlighted with a red box), 'Pull requests', 'Projects', 'Wiki', 'Pulse', 'Graphs', and 'Settings'. The main content area is titled 'Test' and features a 'Write' tab and a 'Preview' tab. The text input field contains the message 'Mensagem para todos no grupo.' and a placeholder for attaching files. A green 'Submit new issue' button is located at the bottom right of the form. On the right side, there are sections for 'Assignees' (No one—assign yourself), 'Labels' (None yet), and 'Milestone' (No milestone).

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[Contact GitHub](#) [API](#) [Training](#) [Shop](#) [Blog](#) [About](#)



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. Below the repository information, there is a table of files and their commit history:

File	Commit	Time
.gitignore	Initial commit	34 minutes ago
LICENSE	Initial commit	34 minutes ago
README.md	Initial commit	34 minutes ago

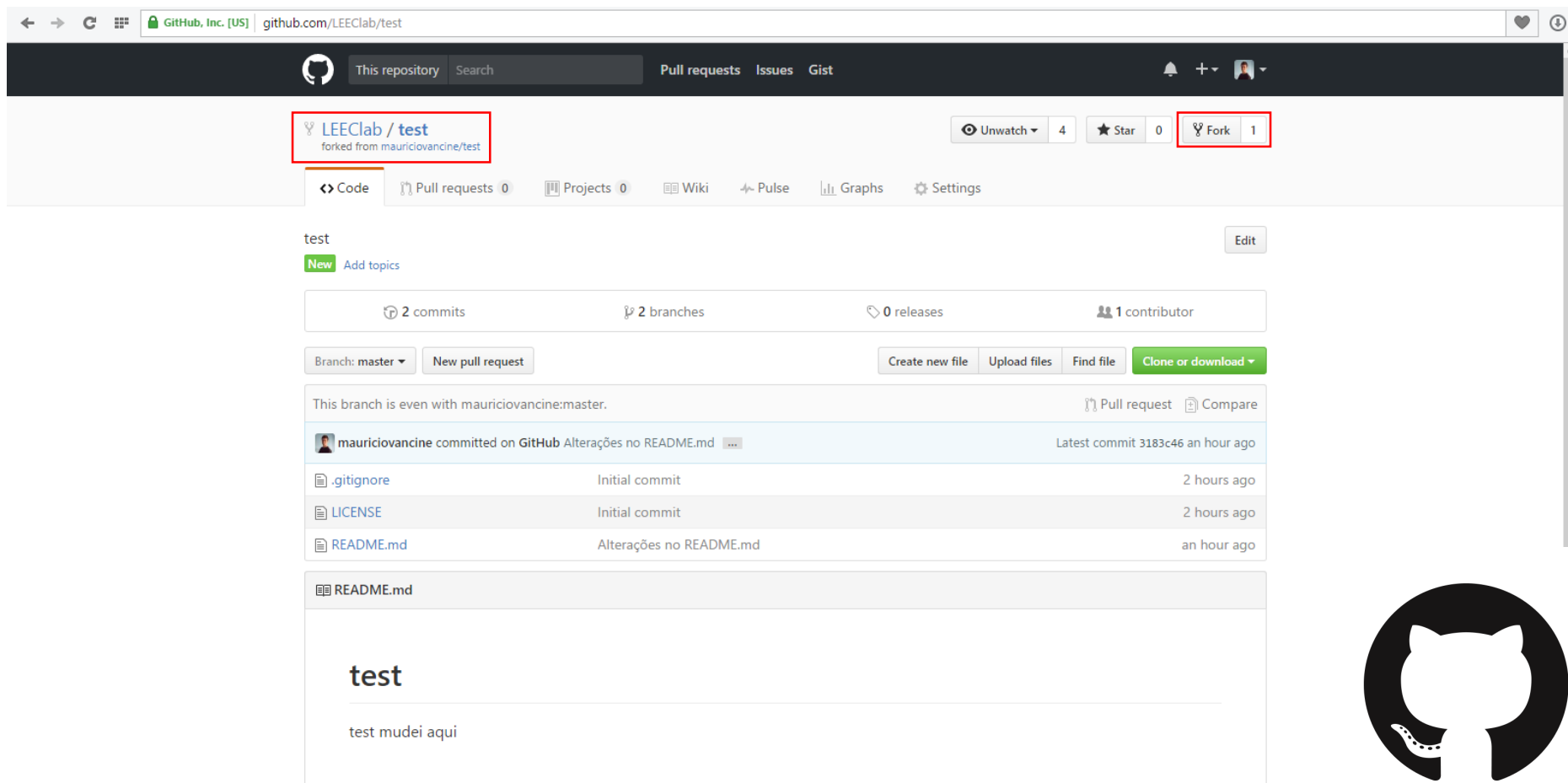
The README.md file content is displayed below the table, showing the word 'test'.

<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



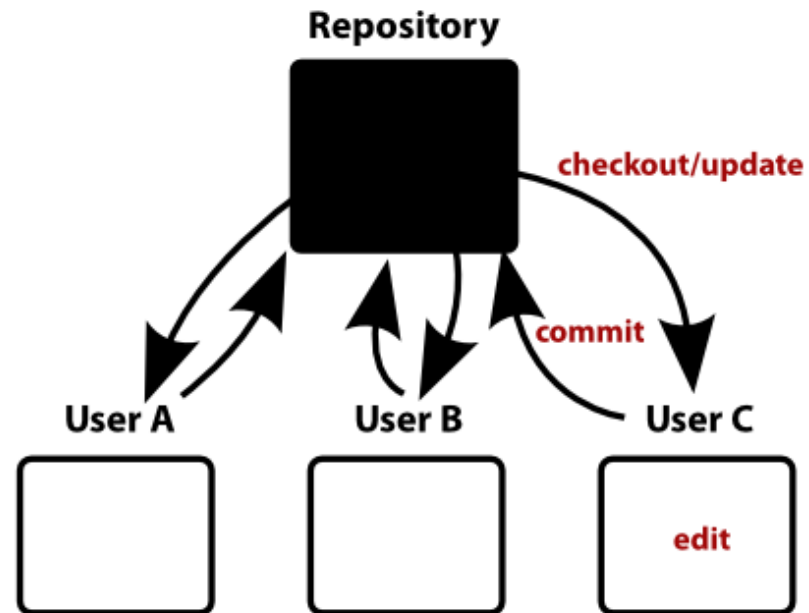
3. Controle de Versão

Quem nunca?



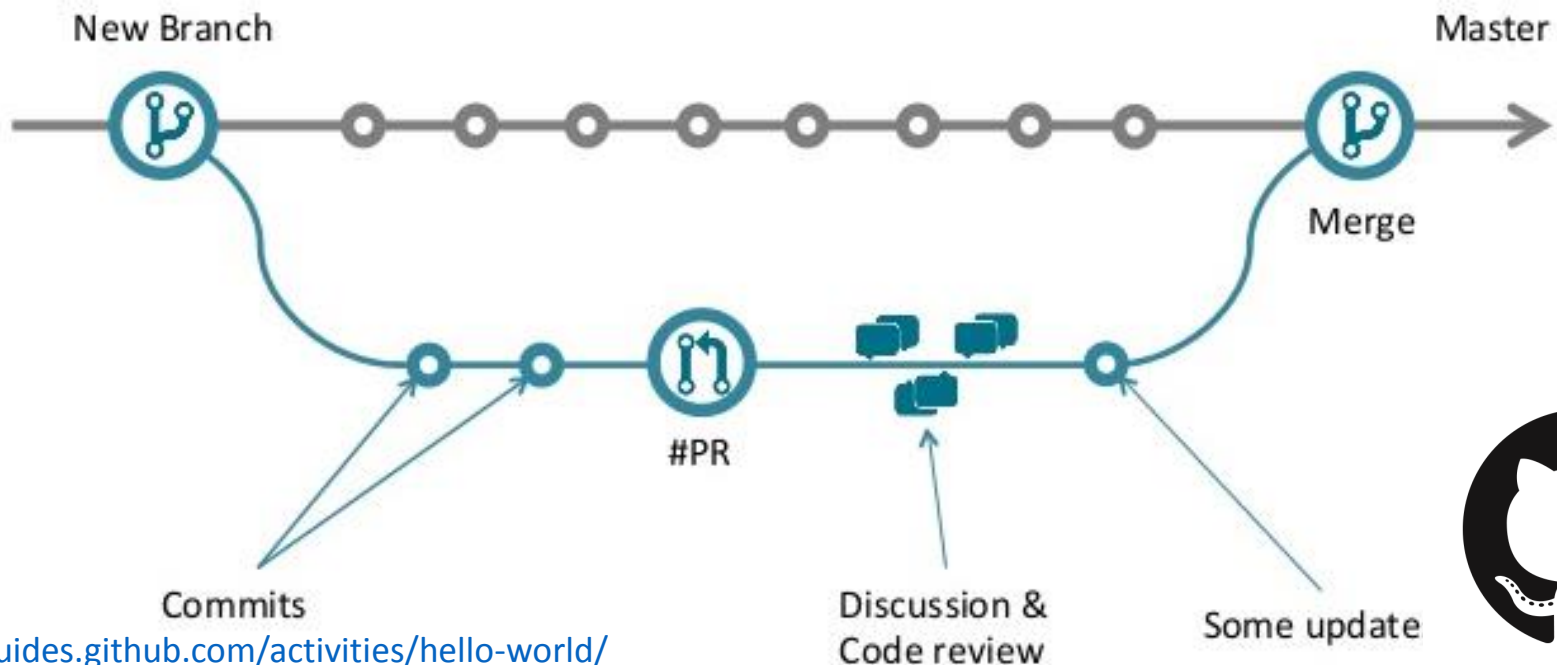
3. Controle de Versão

Quem nunca?



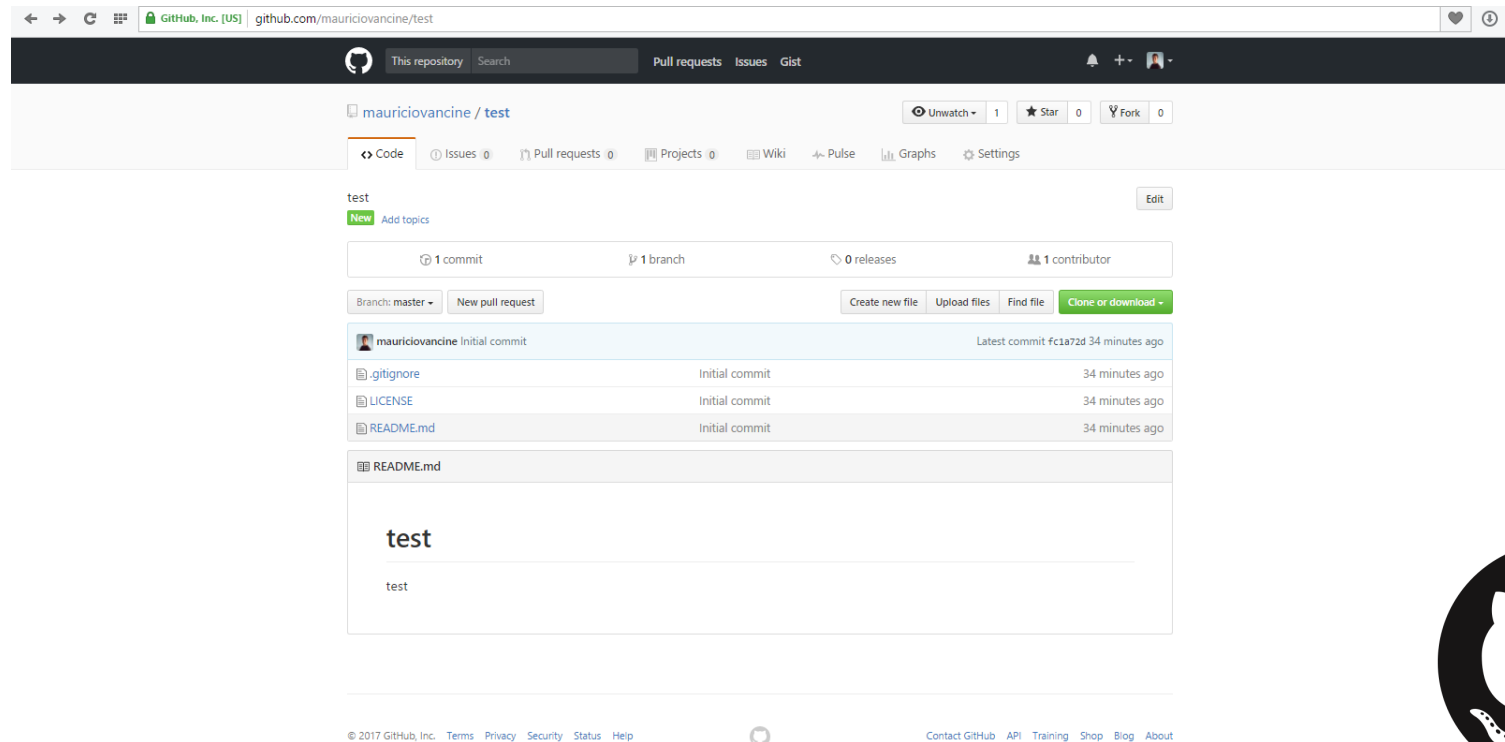
3. Controle de Versão

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



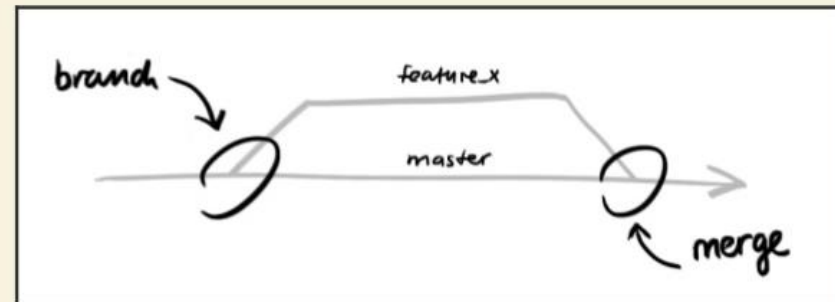
hubot authored just now

README.md

Initial

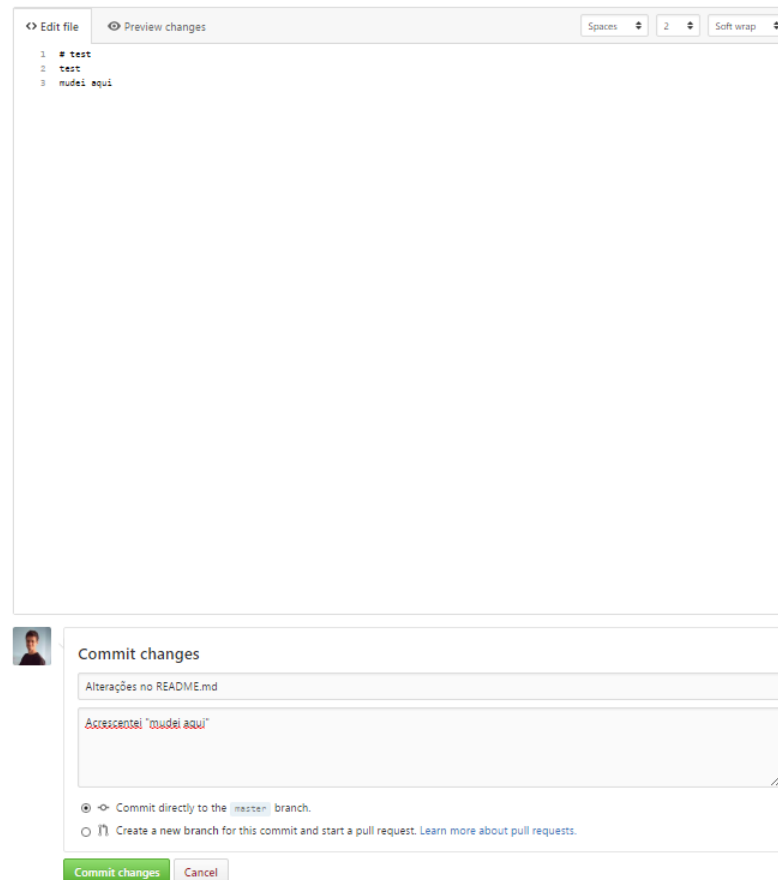
README.md

BRANCHING



4. Termos estranhos...

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



↔ Edit file ↔ Preview changes Spaces 2 Soft wrap

```
1 # test
2 test
3 mudei aqui
```

Commit changes

Alterações no README.md

Alterações no README.md

Commit directly to the `master` branch. [Learn more about pull requests.](#)

☒ Commit directly to the `master` branch.

☐ Create a new branch for this commit and start a pull request. [Learn more about pull requests.](#)

Commit changes 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](#).

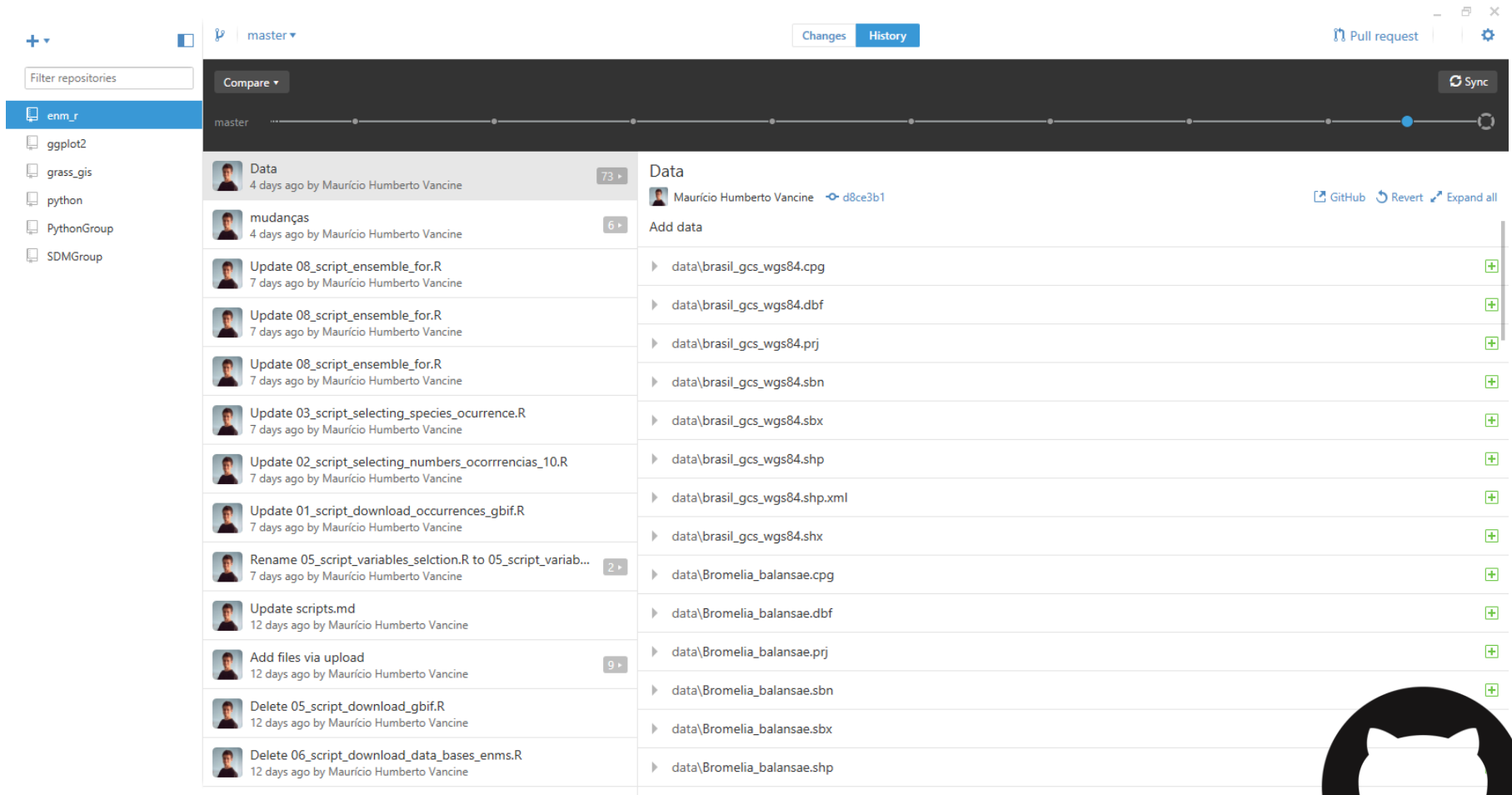
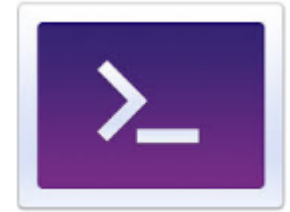


Pull request successfully merged and closed
You're all set—the `readme-edits` branch can be safely deleted.

 **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

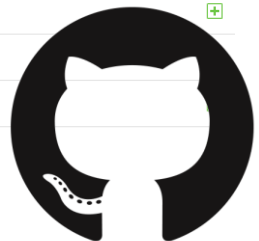
data\Bromelia_balansae.prj

data\Bromelia_balansae.sbn

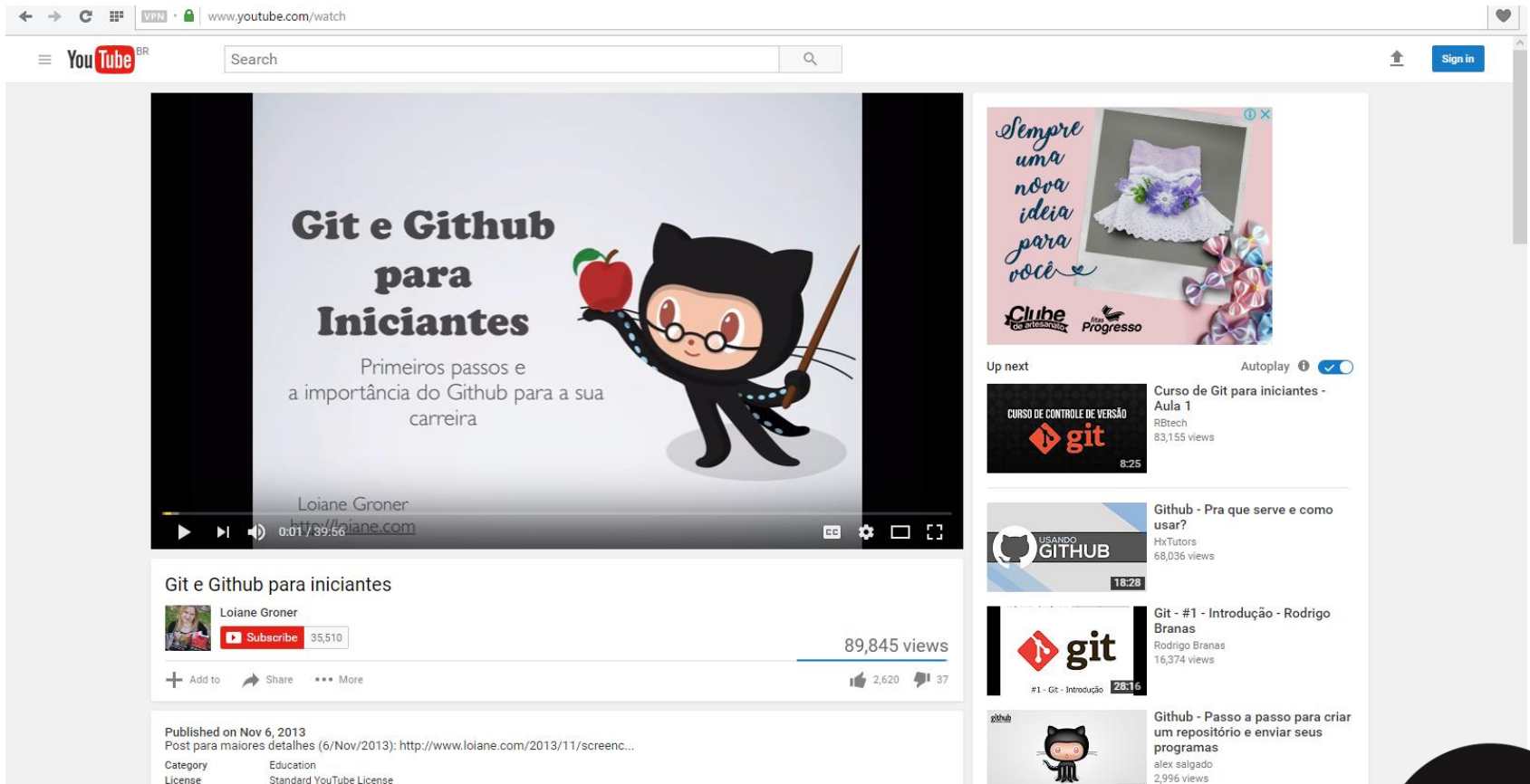
data\Bromelia_balansae.sbx

data\Bromelia_balansae.shp

<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).

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



Perguntas?

