

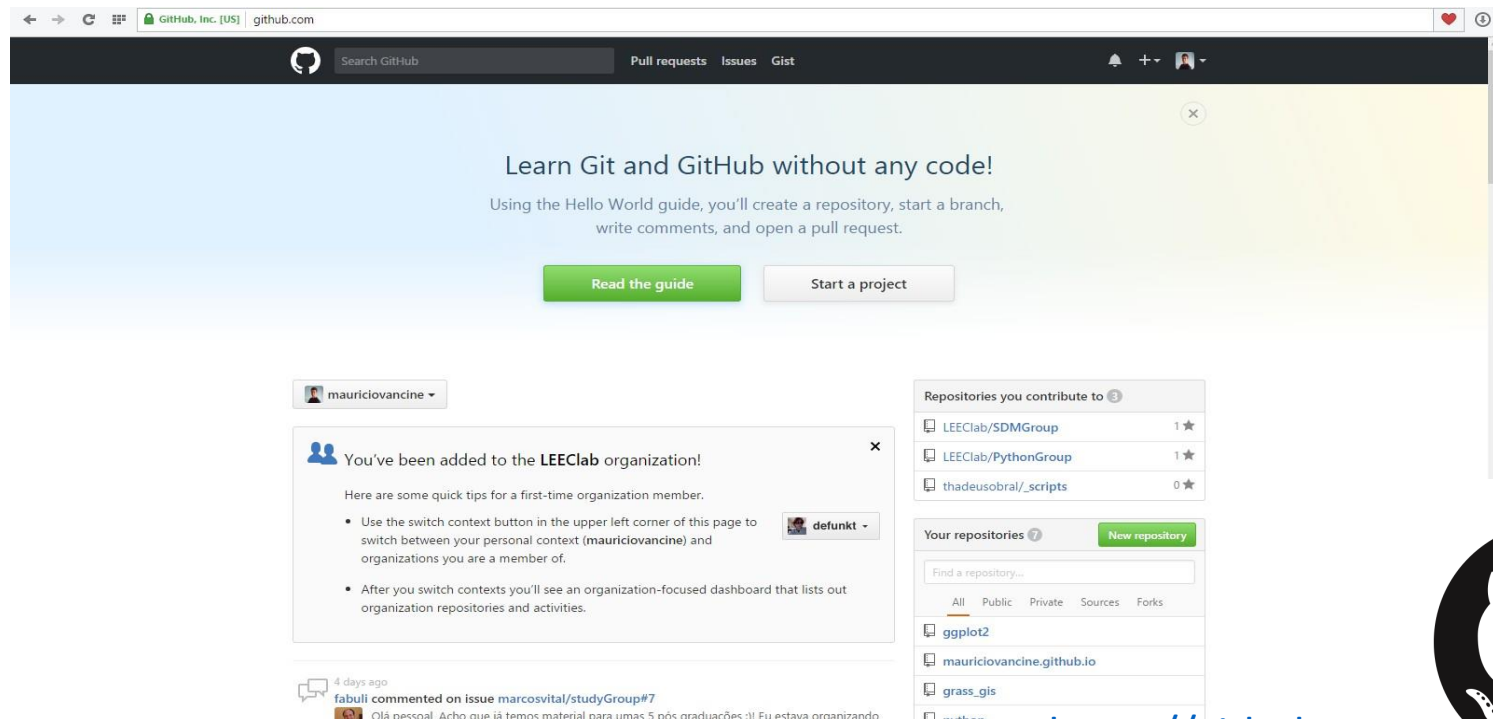
GitHub

Maurício Humberto Vancine



1. O que é?

Site para armazenar **códigos e arquivos**, além de realizar **controle de versão** para múltiplos usuários

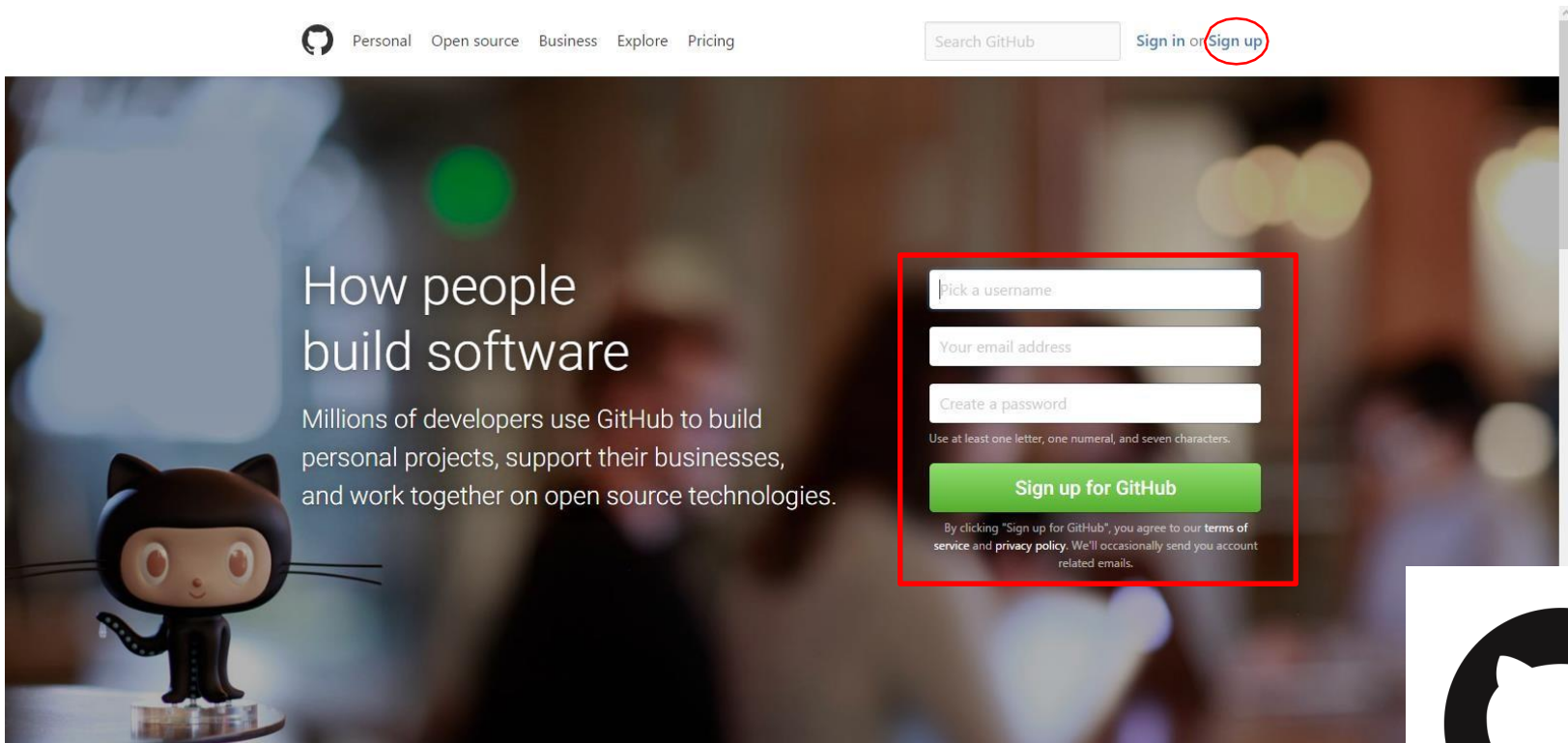


<https://github.com>



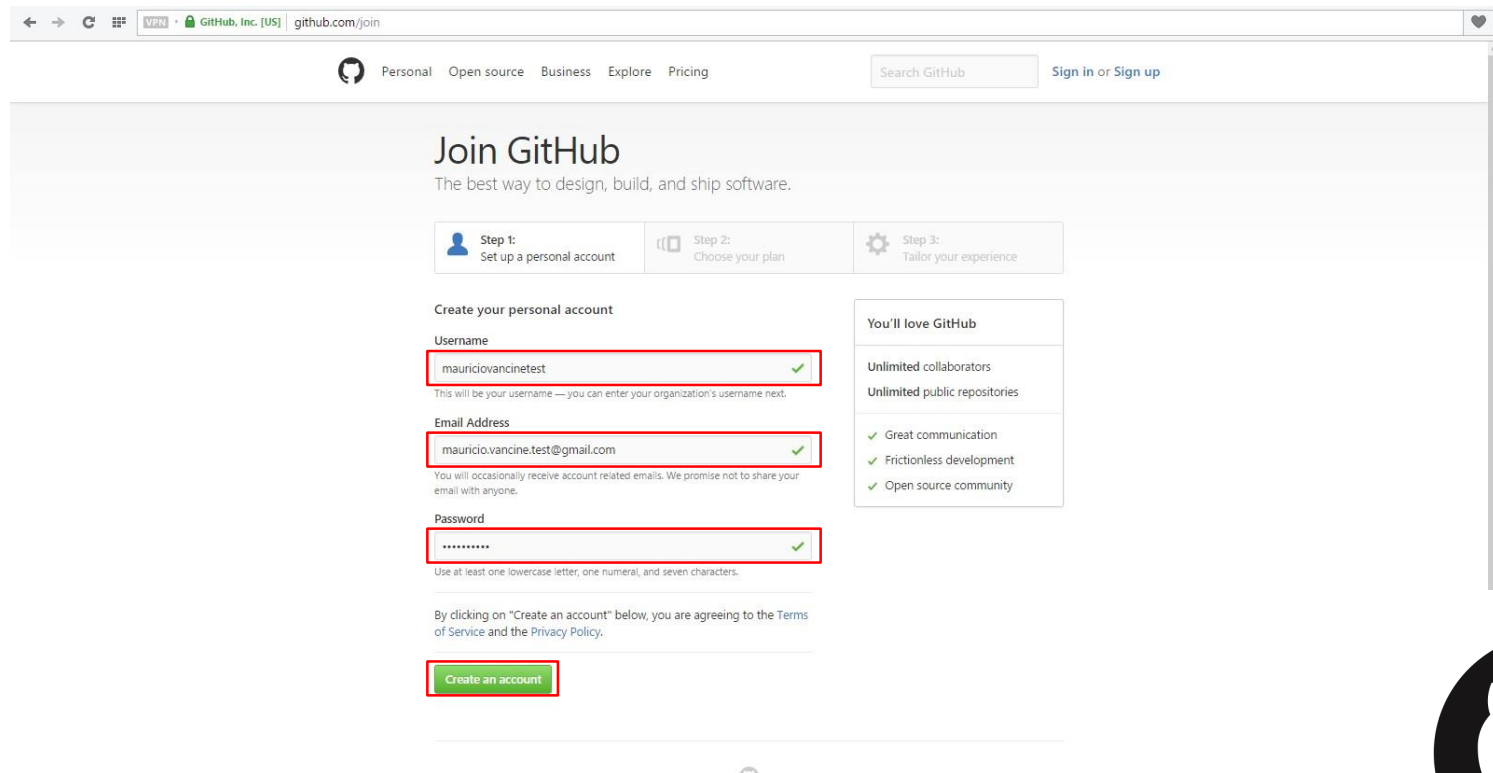
2. Como funciona?

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



2. Como funciona?

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

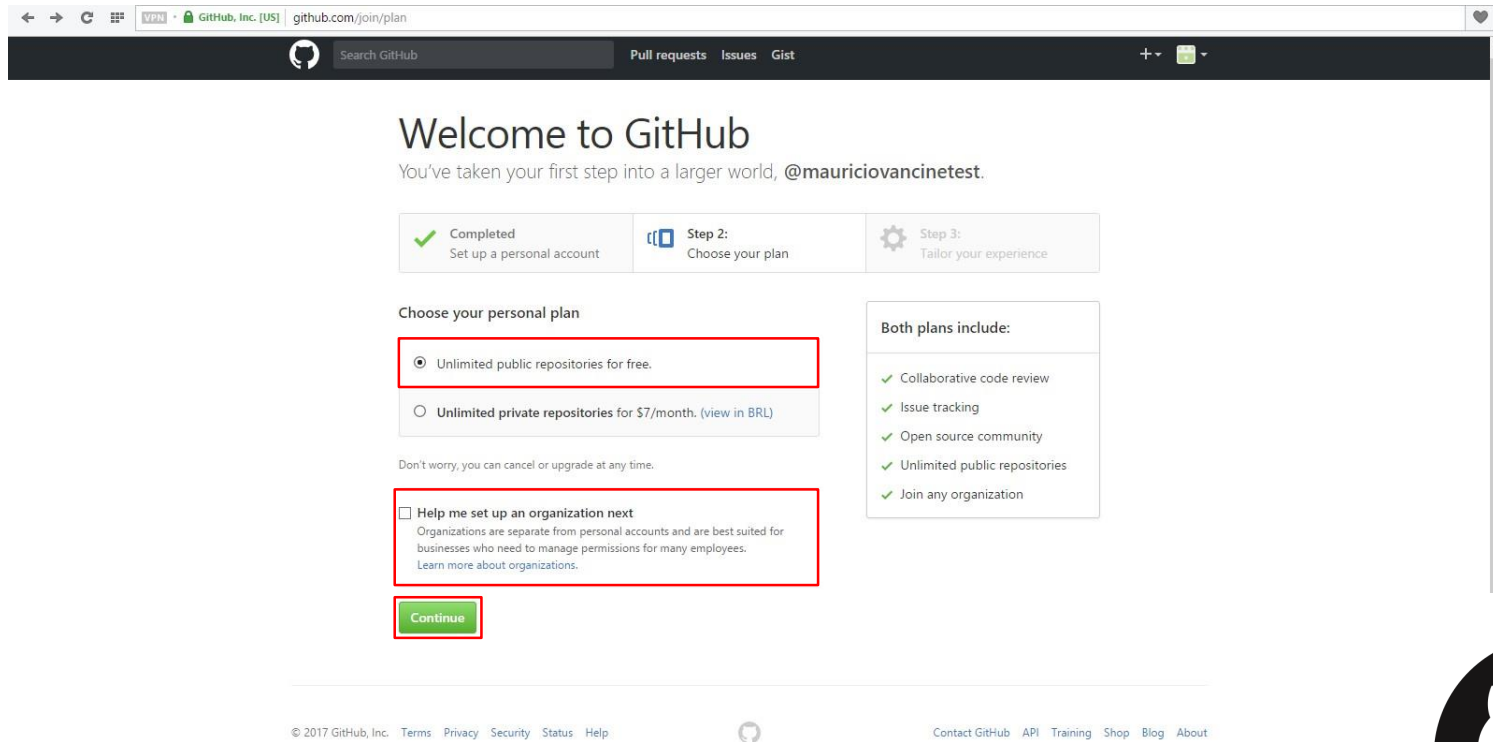


The screenshot shows the GitHub 'Join GitHub' page. The browser address bar displays 'github.com/join'. The page has a navigation bar with links: Personal, Open source, Business, Explore, Pricing, and a search bar. The main heading is 'Join GitHub' with the tagline 'The best way to design, build, and ship software.' Below this, there are three steps: Step 1: Set up a personal account, Step 2: Choose your plan, and Step 3: Tailor your experience. The 'Create your personal account' section includes three red-bordered input fields: 'Username' (mauriciovancinetest), 'Email Address' (mauricio.vancine.test@gmail.com), and 'Password' (masked with dots). Each field has a green checkmark on the right. Below the password field, there is a note: 'Use at least one lowercase letter, one numeral, and seven characters.' To the right of the input fields, there is a section titled 'You'll love GitHub' with the following benefits: 'Unlimited collaborators', 'Unlimited public repositories', 'Great communication', 'Frictionless development', and 'Open source community'. At the bottom of the form, there is a green 'Create an account' button. 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>



Browser address bar: github.com/join/plan

Search GitHub

Pull requests Issues Gist

Welcome to GitHub

You've taken your first step into a larger world, @mauriciovancinetest.

✓ Completed
Set up a personal account

Step 2:
Choose your plan

⚙️ Step 3:
Tailor your experience

Choose your personal plan

☒ Unlimited public repositories for free.

☐ Unlimited private repositories for \$7/month. (view in BRL)

Don't worry, you can cancel or upgrade at any time.

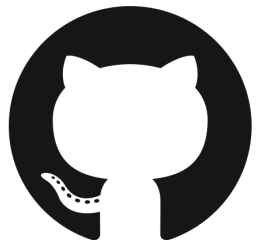
☐ Help me set up an organization next
Organizations are separate from personal accounts and are best suited for businesses who need to manage permissions for many employees.
[Learn more about organizations.](#)

Continue

Both plans include:

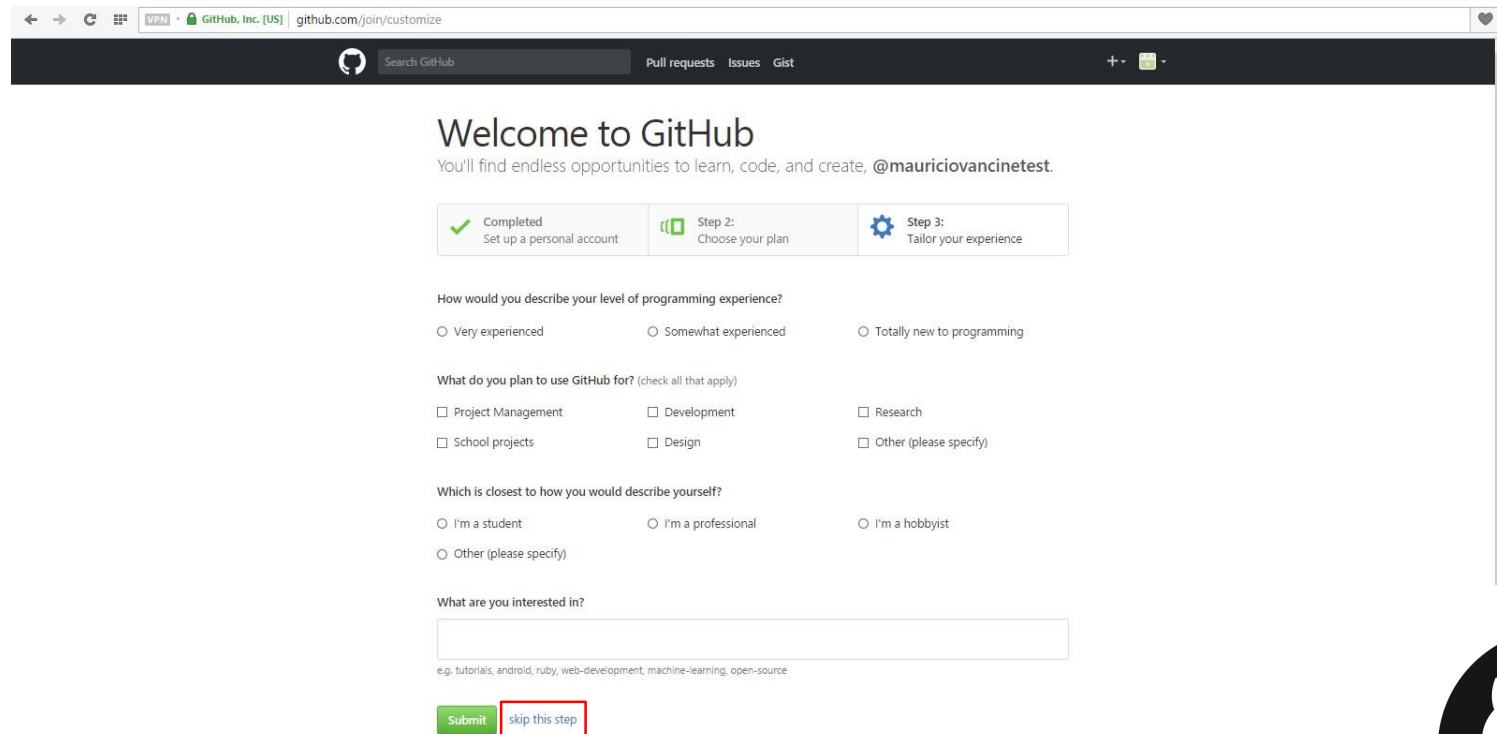
- ✓ Collaborative code review
- ✓ Issue tracking
- ✓ Open source community
- ✓ Unlimited public repositories
- ✓ Join any organization

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2. Como funciona?

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



The screenshot shows the GitHub account creation 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, showing a form with the following questions and options:

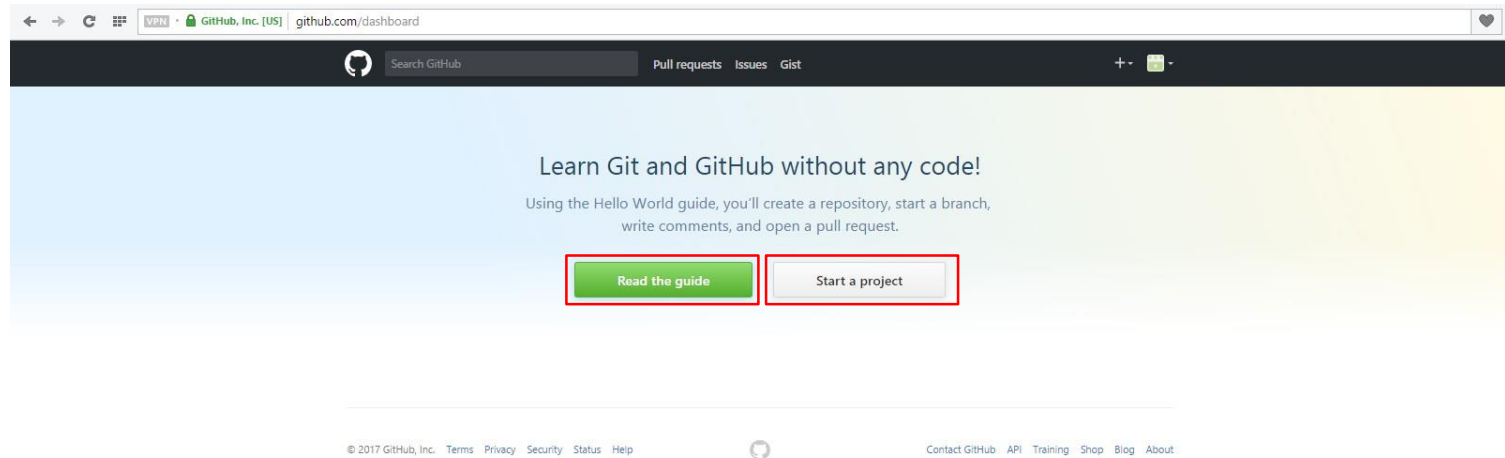
- How would you describe your level of programming experience?**
 - ☐ Very experienced
 - ☐ Somewhat experienced
 - ☐ Totally new to programming
- What do you plan to use GitHub for? (check all that apply)**
 - ☐ Project Management
 - ☐ Development
 - ☐ Research
 - ☐ School projects
 - ☐ Design
 - ☐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



2. Como funciona?

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

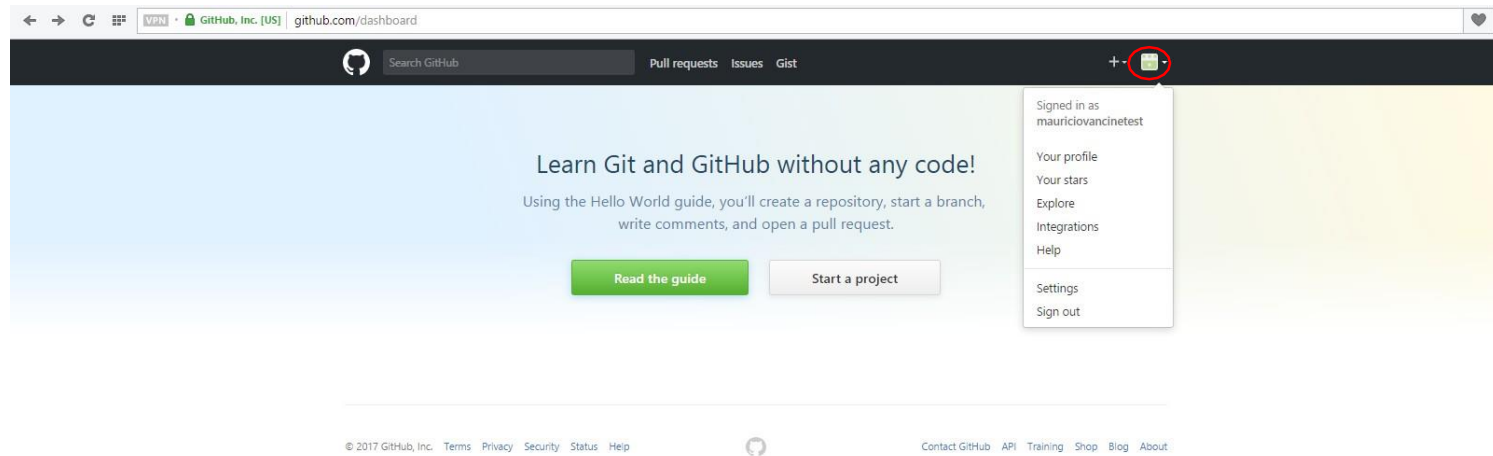


<https://guides.github.com/activities/hello-world/>



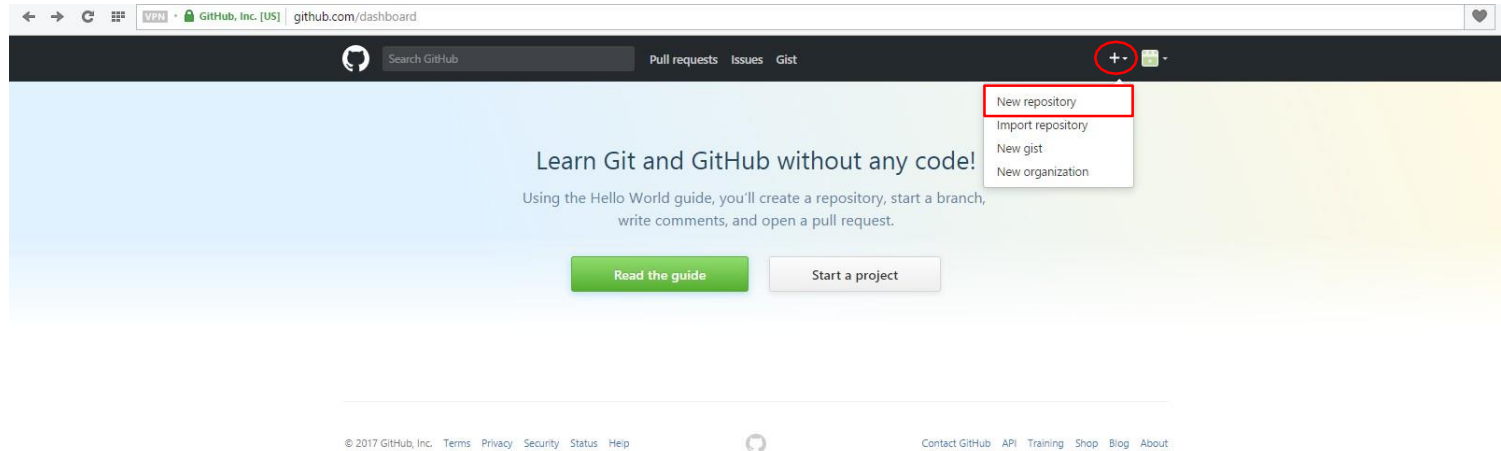
2. Como funciona?

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.com/new

Create a new repository

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

Owner: mauriciovancine / Repository name: test

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

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2. Como funciona?

2. Cria-se um Repositório

The screenshot shows the GitHub interface for a repository named 'mauriciovancine/test'. Several elements are highlighted with red boxes:

- Repository Header:** The repository name 'mauriciovancine / test' and the 'Settings' button.
- Navigation Bar:** The 'Code', 'Issues', and 'Pull requests' buttons.
- Repository Stats:** The 'Unwatch', 'Star', and 'Fork' buttons.
- Branch Selection:** The 'Branch: master' dropdown and the 'New pull request' button.
- File Actions:** The 'Create new file', 'Upload files', and 'Clone or download' buttons.
- Commit History:** The table listing the initial commit for '.gitignore', 'LICENSE', and 'README.md'.

The repository details show 1 commit, 1 branch, 0 releases, and 1 contributor. The commit history table is as follows:

File	Commit Message	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 visible below the commit history, showing the repository name 'test' and a description 'test'.

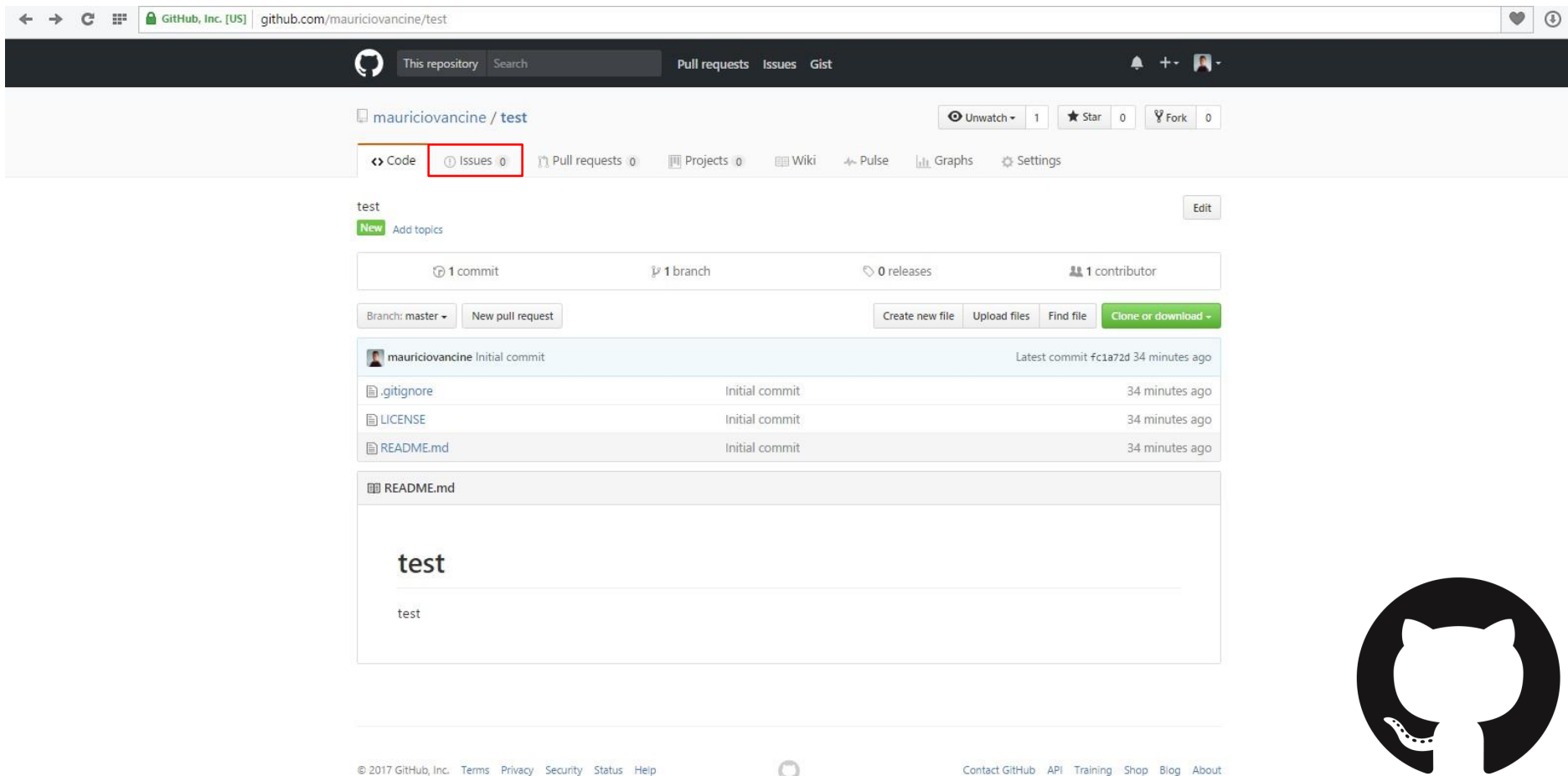
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2. Como funciona?

2. Cria-se um Repositório



The screenshot shows a GitHub repository page for 'mauriciovancine/test'. The repository is a new one, with 1 commit, 1 branch, 0 releases, and 1 contributor. The 'Issues' tab is highlighted with a red box. The repository contains a README.md file and a .gitignore file. The README.md file is titled 'test' and contains 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

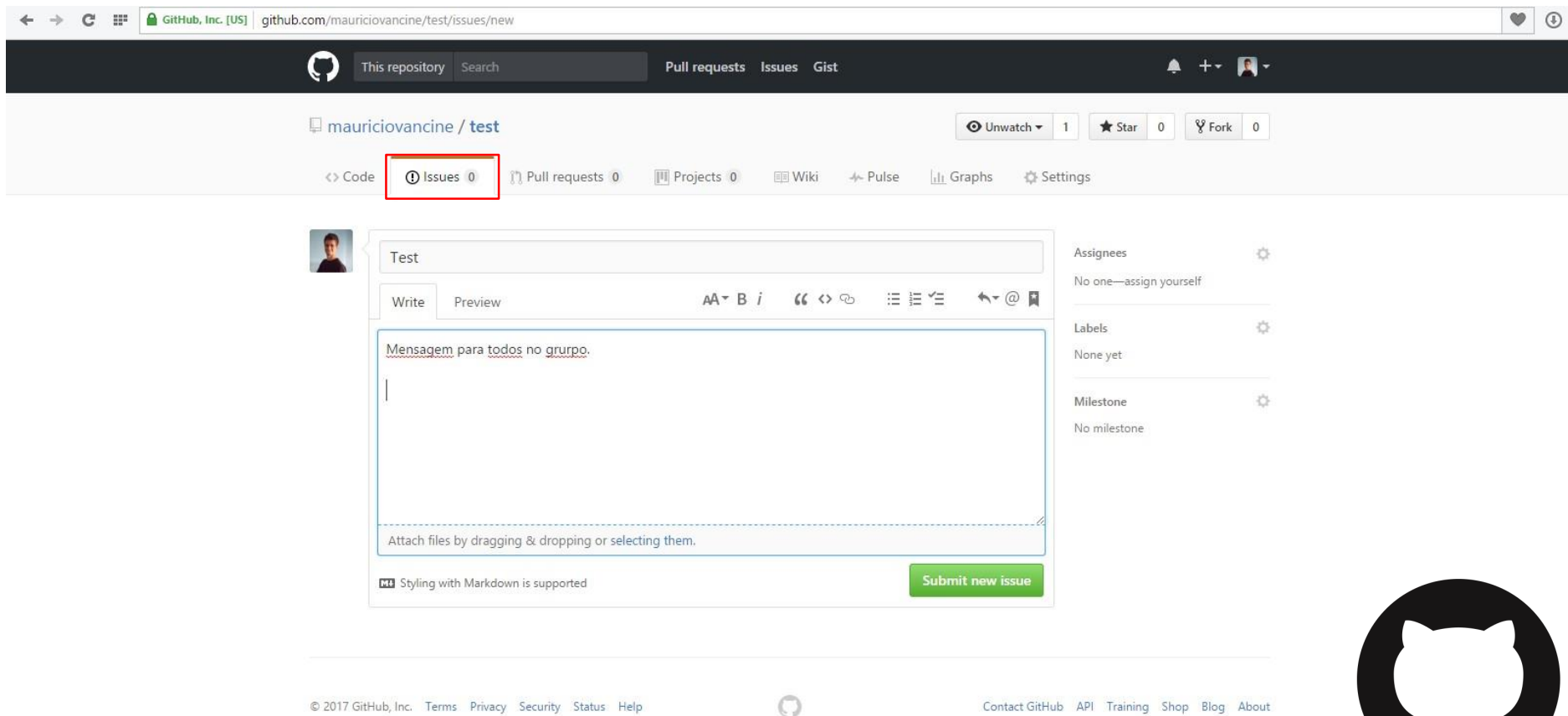
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2. Como funciona?

2. Cria-se um Repositório

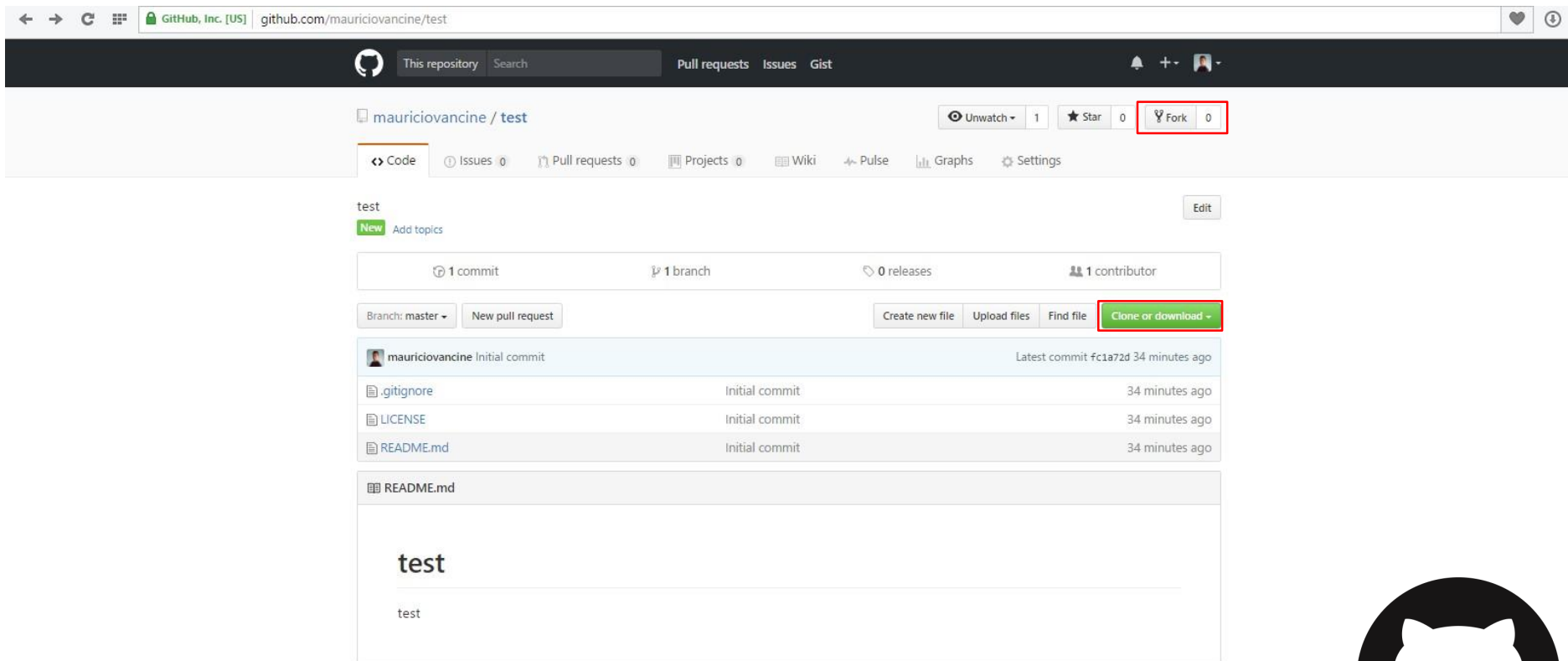


The screenshot shows the GitHub interface for creating a new issue in the repository 'mauriciovancine / test'. The browser address bar shows 'github.com/mauriciovancine/test/issues/new'. The repository name 'mauriciovancine / test' is displayed with 1 Unwatch, 0 Stars, and 0 Forks. A navigation bar includes 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, a rich text editor with the text 'Mensagem para todos no grupo.', and a 'Submit new issue' button. On the right, there are sections for 'Assignees' (No one—assign yourself), 'Labels' (None yet), and 'Milestone' (No milestone). The footer contains copyright information for GitHub, Inc. (© 2017), links for Terms, Privacy, Security, Status, and Help, and a GitHub logo.



2. Como funciona?

3. Clona-se (Fork) um Repositório



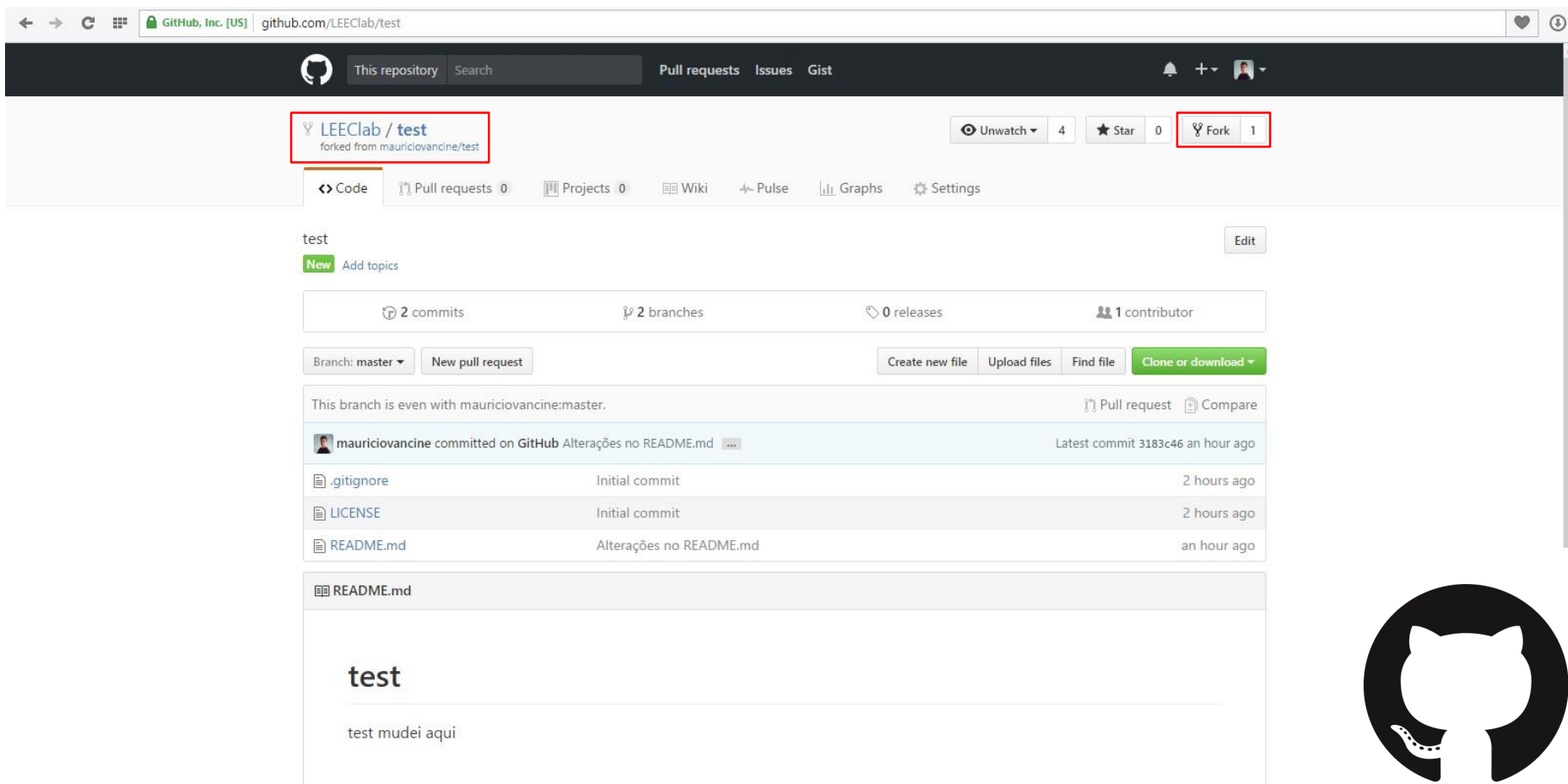
The screenshot shows the GitHub interface for the repository 'mauriciovancine/test'. The browser address bar shows 'github.com/mauriciovancine/test'. The repository name is 'mauriciovancine / test'. The 'Fork' button is highlighted with a red box. Below the repository name, there are tabs for 'Code', 'Issues', 'Pull requests', 'Projects', 'Wiki', 'Pulse', 'Graphs', and 'Settings'. The 'Code' tab is selected. The repository has 1 commit, 1 branch, 0 releases, and 1 contributor. The 'Clone or download' button is also highlighted with a red box. The repository contains files: .gitignore, LICENSE, and README.md, all with initial commits 34 minutes ago. The README.md file is open, showing the title 'test' and the content '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 4 unwatched items, 0 stars, and 1 fork. The 'Fork' button is highlighted with a red box. The repository is on the 'master' branch and has 2 commits, 2 branches, 0 releases, and 1 contributor. The commit history shows three commits: '.gitignore' (Initial commit, 2 hours ago), 'LICENSE' (Initial commit, 2 hours ago), and 'README.md' (Alterações no README.md, an hour ago). The README file is open, showing the text 'test' and 'test mudei aqui'.

test

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

mauriciovancine committed on GitHub Alterações no README.md Latest commit 3183c46 an hour ago

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



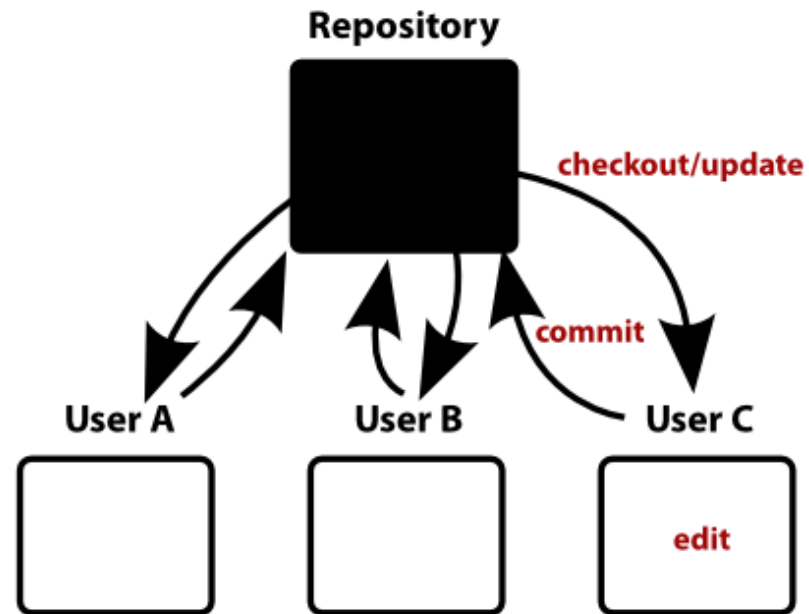
3. Controle de Versão

Quem nunca?



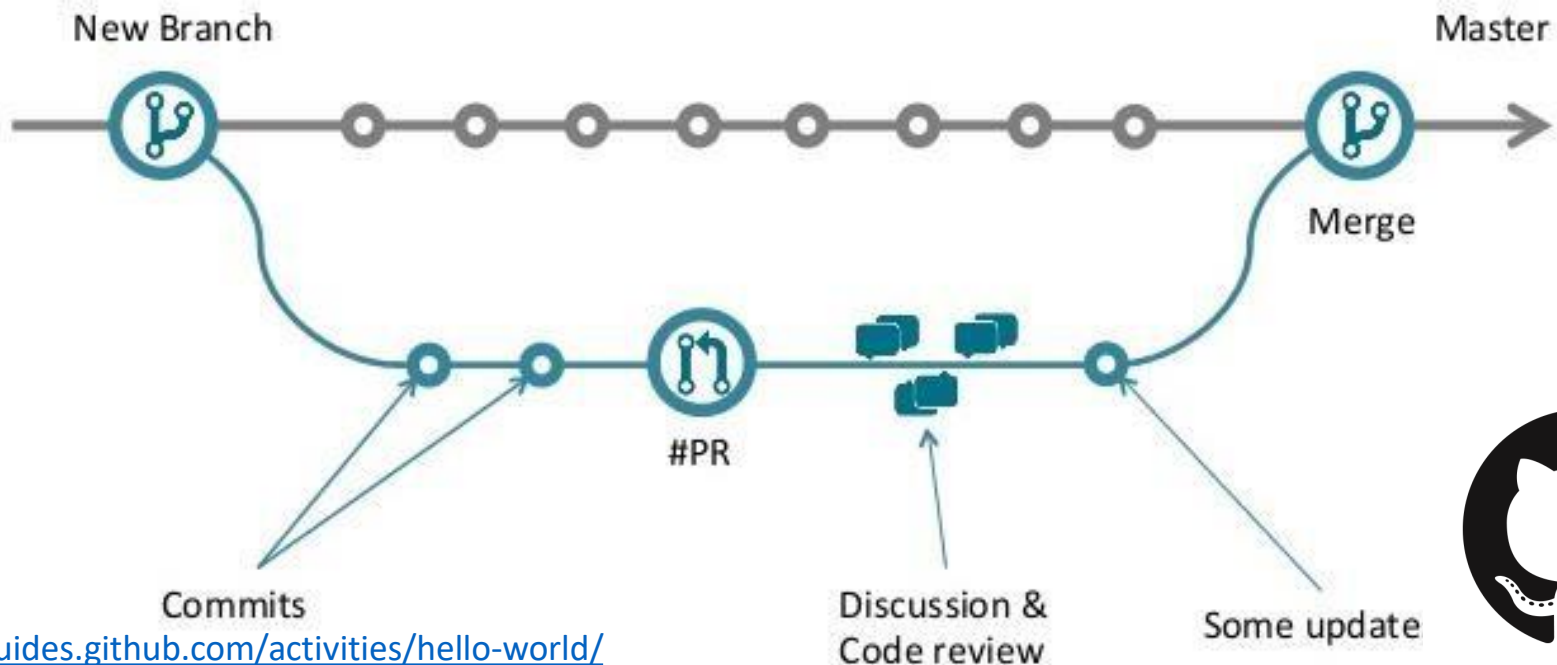
3. Controle de Versão

Quem nunca?



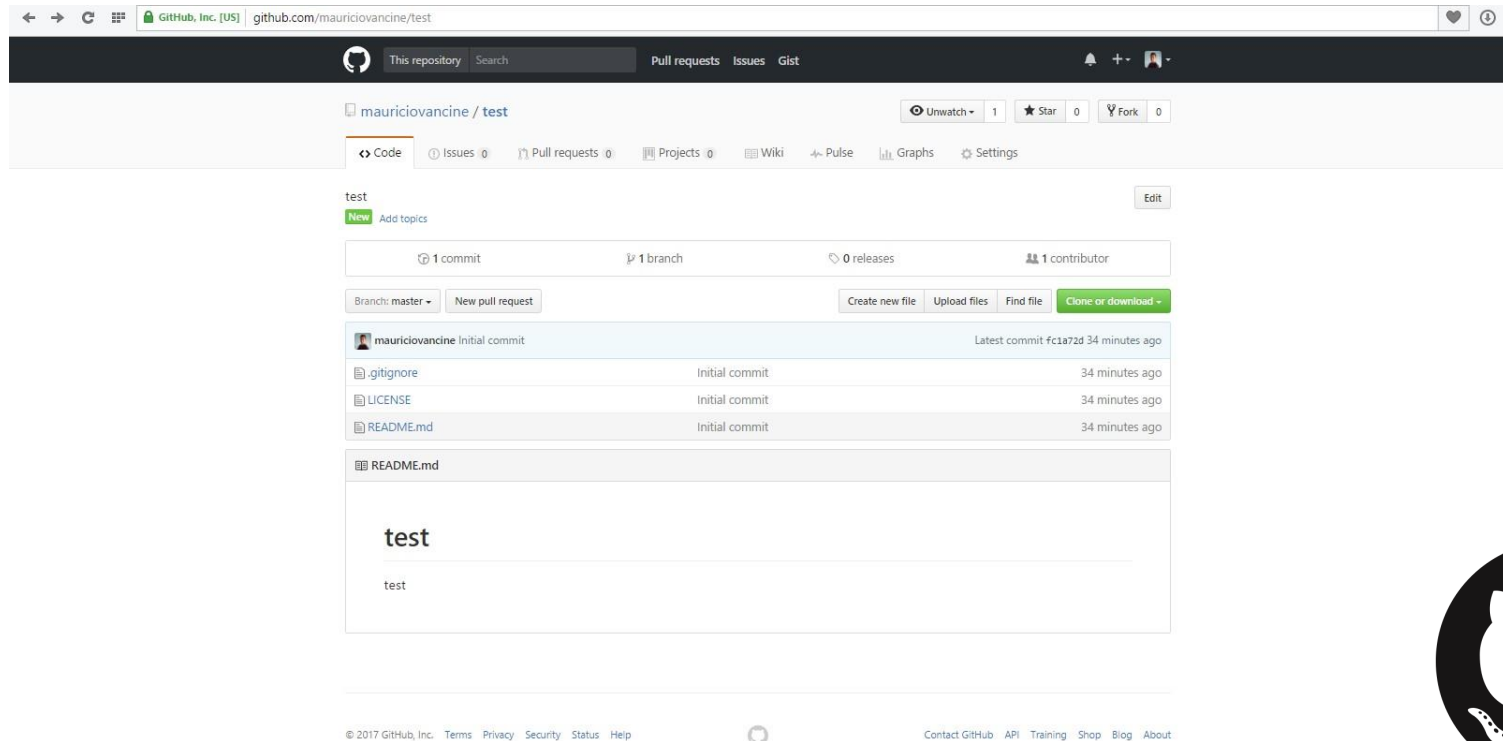
3. Controle de Versão

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



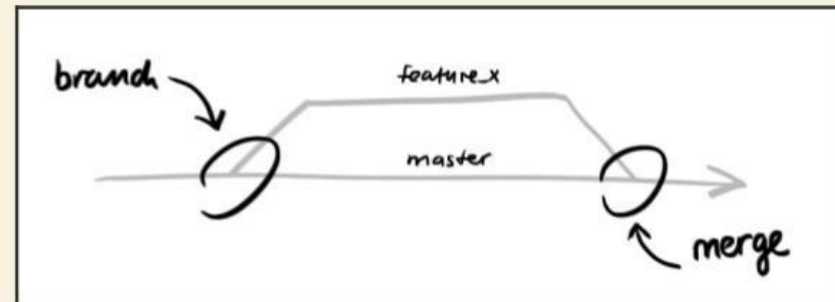
hubot authored just now

README.md

Initial

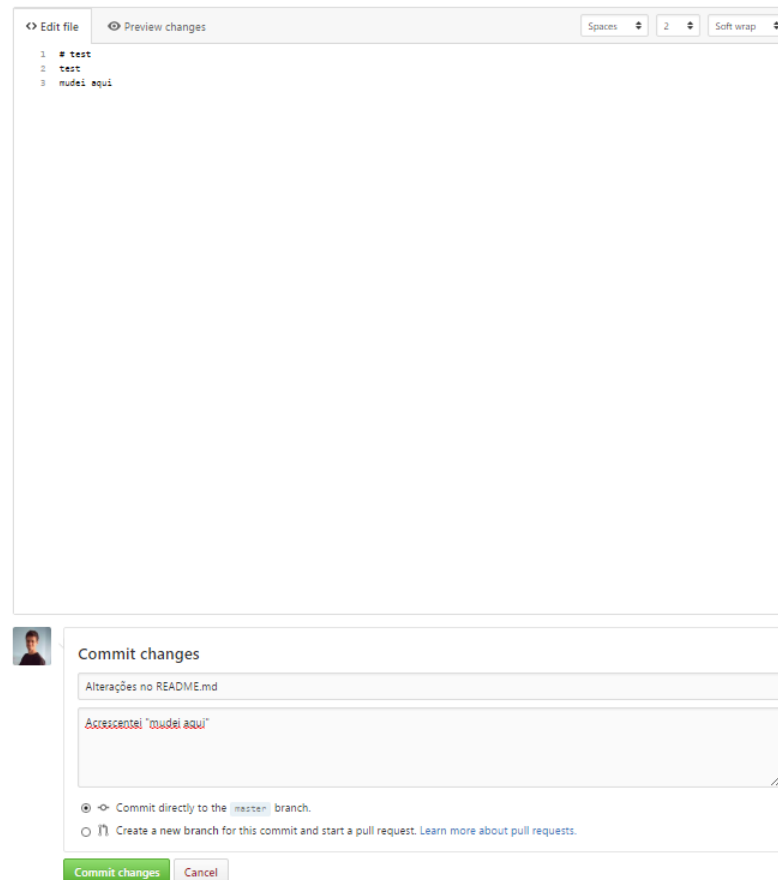
README.md

BRANCHING



4. Termos estranhos...

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



↔ Edit file ↔ Preview changes Spaces 2 Soft wrap

```
1 # test
2 test
3 modelo aqui
```

Commit changes

Alterações no README.md

Adicionando "modelo aqui"

☒ 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](#).

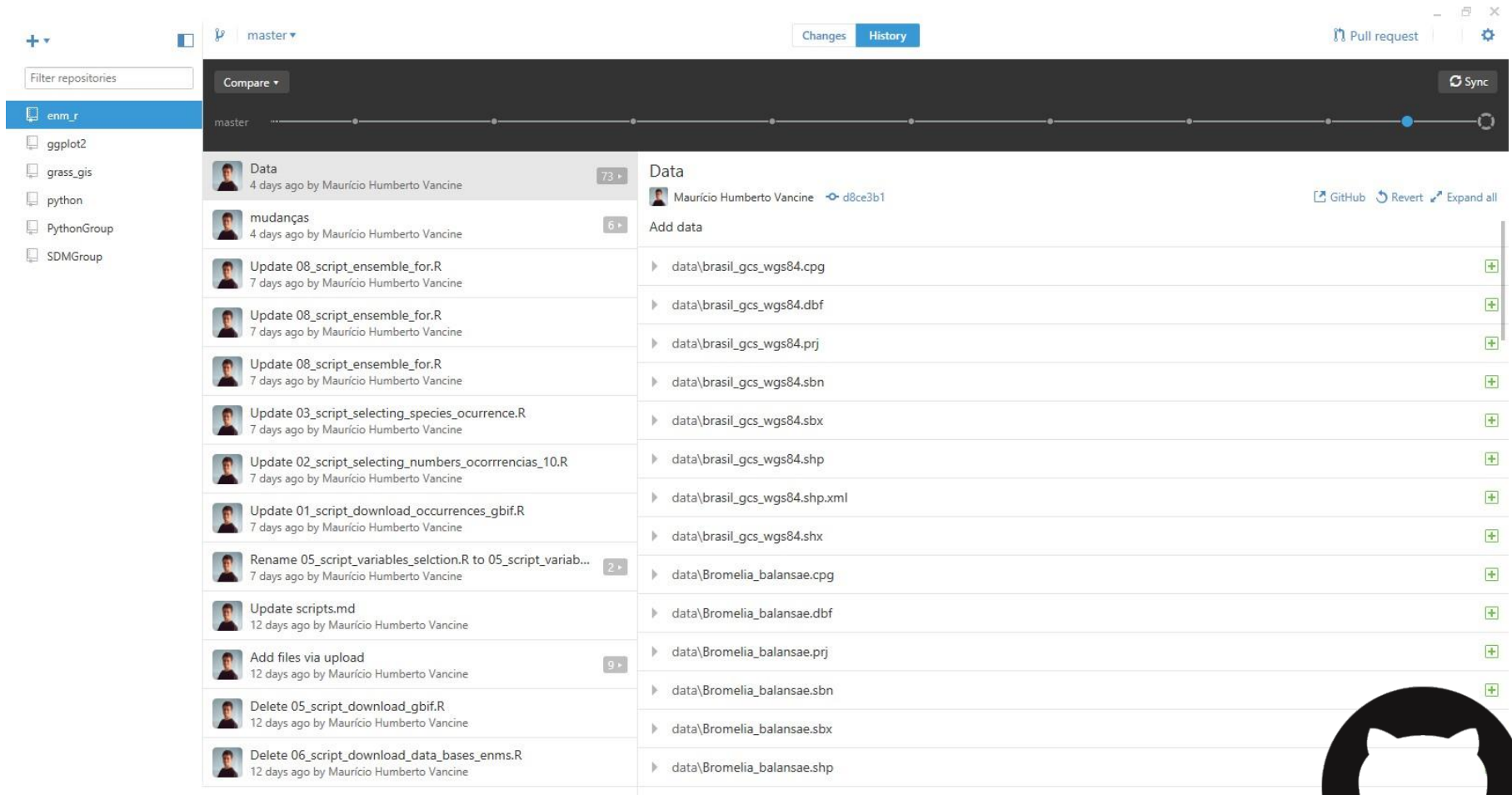
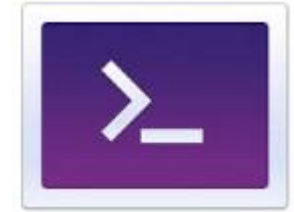


Pull request successfully merged and closed
You're all set—the `readme-edits` branch can be safely deleted.

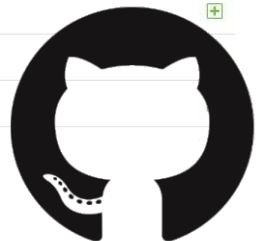
 **Delete branch**



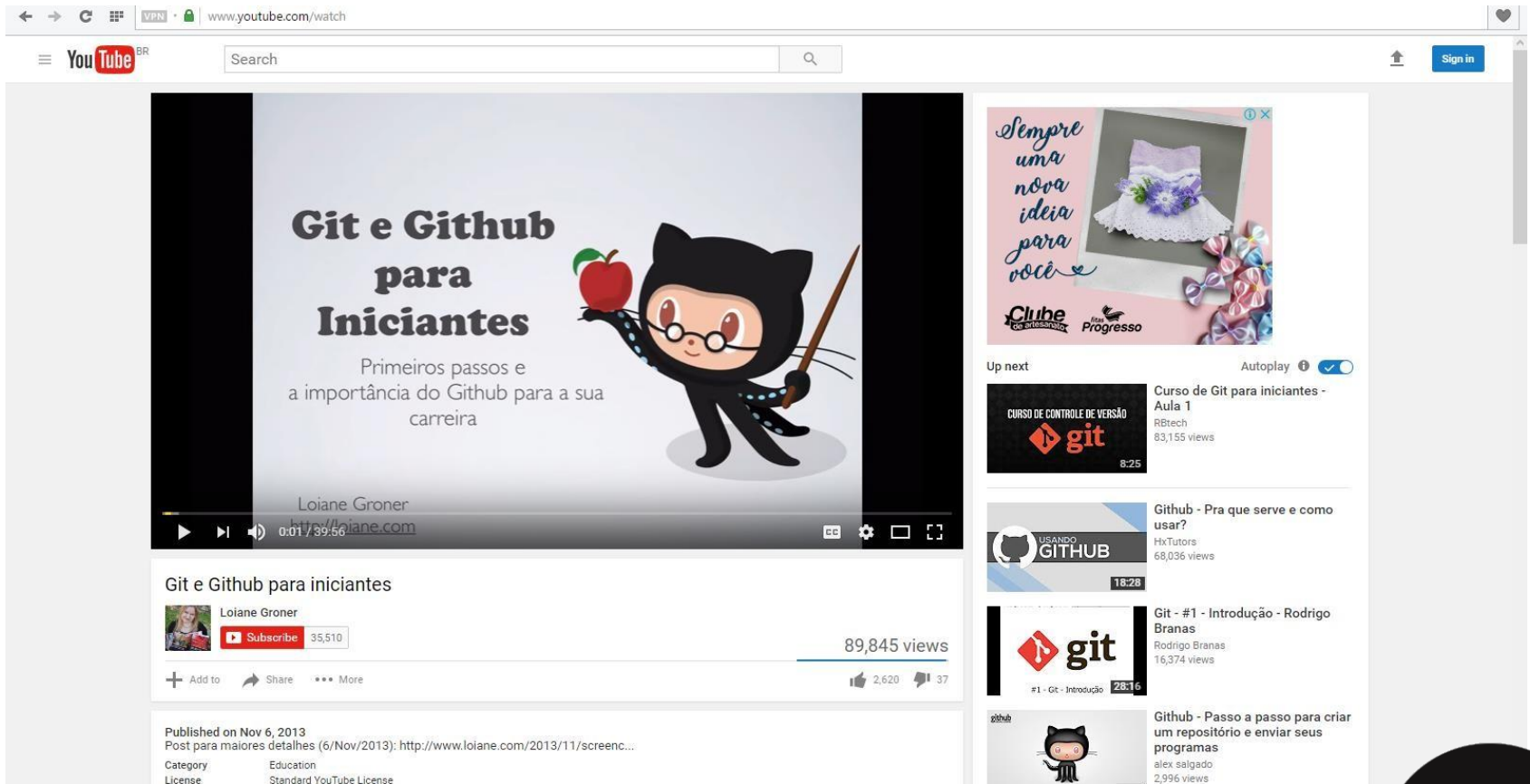
5. GitHub Desktop



<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 character 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, 2,620 likes, and 37 comments. 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?

