

FIAP

Git e GitHub

Caio Oliveira
Web Development



Agenda

1. Git x Github
2. O que é o Git?
3. Como chegamos até aqui...
4. Quais são as vantagens?

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**Software de controle
de versão**

**Rede social de
programadores**

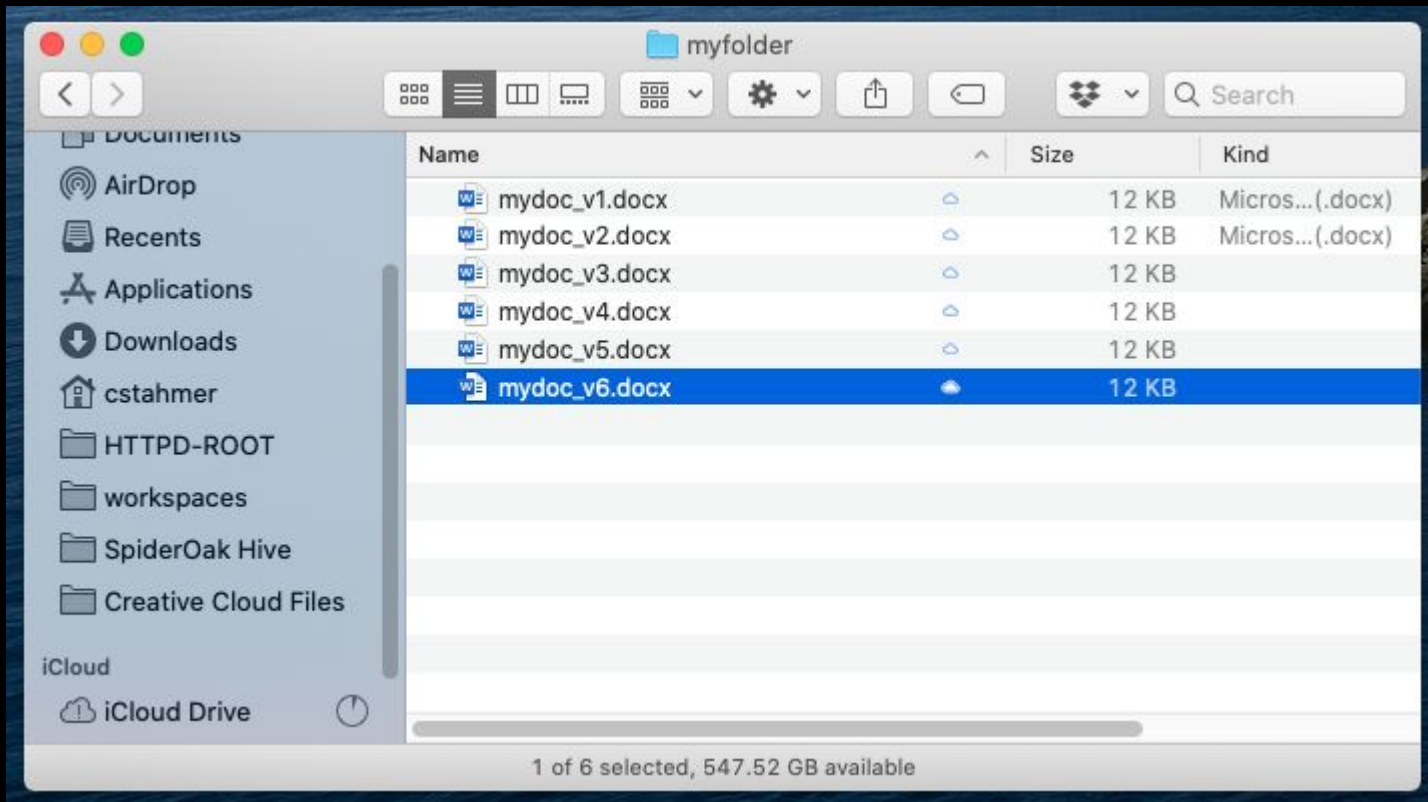


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O que é o Git?

É um software de **versionamento** que te permite acompanhar as mudanças realizadas no projeto ao longo do tempo.

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Name

- ▼ feature story final files
 - feature story-1 final.docx
 - feature story-2 final-final.docx
 - feature story-3 final-final-final.docx
 - feature story-HereWeGoAgain-final.docx
 - feature story-NotKidding-final.docx
 - feature story-YGTBFKM-final.docx

*"Final"...You keep using that word
I do not think it means
what you think it means.*



**HAJA
PACIÊNCIA!**

Version History

2022.15.0 1w ago

Several small improvements and bug fixes.

2022.14.0 2w ago

Several small improvements and bug fixes.

2022.13.0 3w ago

Several small improvements and bug fixes.

2022.12.1 3w ago

Several small improvements and bug fixes.

2022.12.0 4w ago

Several small improvements and bug fixes.

2022.11.0 1mo ago

Several small improvements and bug fixes.

2022.10.0 1mo ago

Several small improvements and bug fixes.

2022.9.0 1mo ago

Several small improvements and bug fixes.

2022.8.1 1mo ago

Several small improvements and bug fixes.



Version History

8.7.24 2d ago

We're always making changes and improvements to Spotify. To make sure you don't miss a thing, just keep your Updates turned on. [more](#)

8.7.22 6d ago

We're always making changes and improvements to Spotify. To make sure you don't miss a thing, just keep your Updates turned on. [more](#)

8.7.21 2w ago

We're always making changes and improvements to Spotify. To make sure you don't miss a thing, just keep your Updates turned on. [more](#)

8.7.20 3w ago

We're always making changes and improvements to Spotify. To make sure you don't miss a thing, just keep your Updates turned on. [more](#)

8.7.18 4w ago

We're always making changes and improvements to Spotify. To make sure you don't miss a thing, just keep your Updates turned on. [more](#)

8.7.16 1mo ago

We're always making changes and improvements to Spotify. To make sure you don't miss a thing, just keep your Updates turned on. [more](#)



Version History

9.7.2 1w ago

We made improvements and squashed bugs so Twitter is even better for you.

9.7 1w ago

We made improvements and squashed bugs so Twitter is even better for you.

9.6 4w ago

We made improvements and squashed bugs so Twitter is even better for you.

9.5 1mo ago

We made improvements and squashed bugs so Twitter is even better for you.

9.4.1 1mo ago

We made improvements and squashed bugs so Twitter is even better for you.

9.3 1mo ago

We made improvements and squashed bugs so Twitter is even better for you.

9.2 1mo ago

We made improvements and squashed bugs so Twitter is even better for you.





Created by
Henry



Modified by
Luca



Modified by
Jenny



Approved by
Nora



Proposal.doc
(Version 1)

Version notes:
Draft



Proposal.doc
(Version 2)

Version notes:
Budget added



Proposal.doc
(Version 3)

Version notes:
Intro and Cover
Letter added



Proposal.doc
(Final version)

Version notes:
Ready for
submission

If you change your mind about giving a *Thumbs Up* reaction emoji while the circle is filling in, simply drop your hand, and the emoji will disappear.

Once the reaction emoji appears in your video, you can put your hand down. Your thumbs up emoji will automatically disappear after about 10 seconds.

The process is the exact same to give a *Raise Hand* 🙌 reaction with one exception: the moment a raised hand emoji appears in your video, a 🙋 *Lower Hand* button will also appear on your screen. You must click this button to make your raised hand emoji disappear (i.e., lower your hand). Otherwise, you'll have your hand raised for the entirety of the meeting.

How to troubleshoot gesture recognition in Zoom

For the most part, I think Zoom's gesture recognition feature is...handy. But when I first started using it, there were times when the frustration slash hilarity it caused far outweighed the convenience.

Here are the two most common issues you might run into—and how to solve them.

Version history

All versions

FEBRUARY

► February 17, 1:26 PM

Current version

● Jessica Lau

● Deb Tennen

► February 17, 10:54 AM

● Deb Tennen

► February 16, 5:35 PM

● Jessica Lau

February 16, 1:48 PM

● Jessica Lau



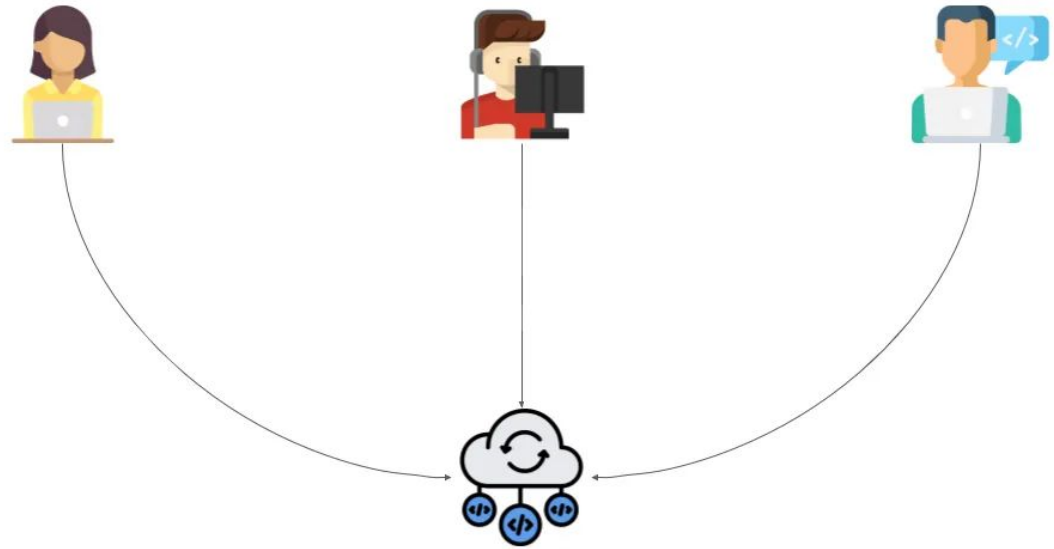
☐ Show changes

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**Versionamento surgiu
em 1972...**

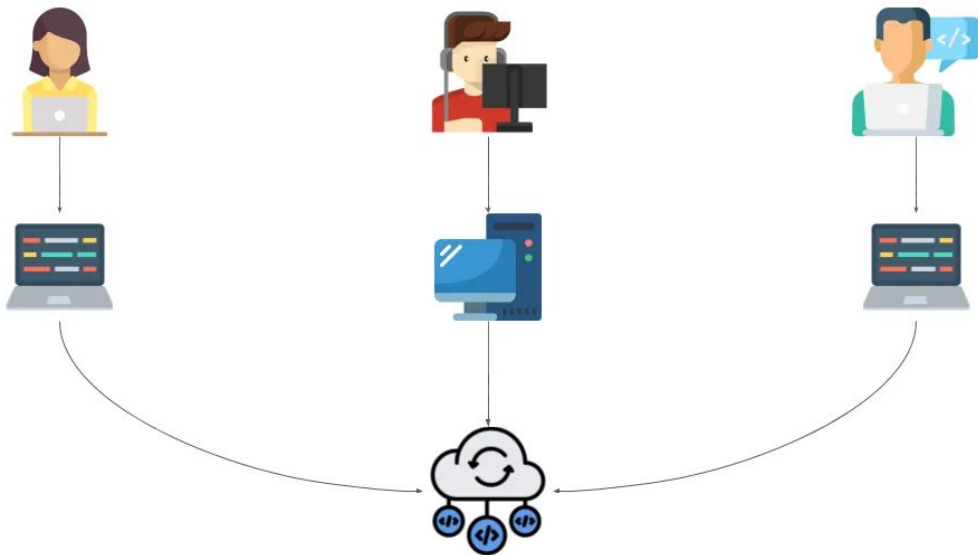
FIAP

Versionamento Centralizado



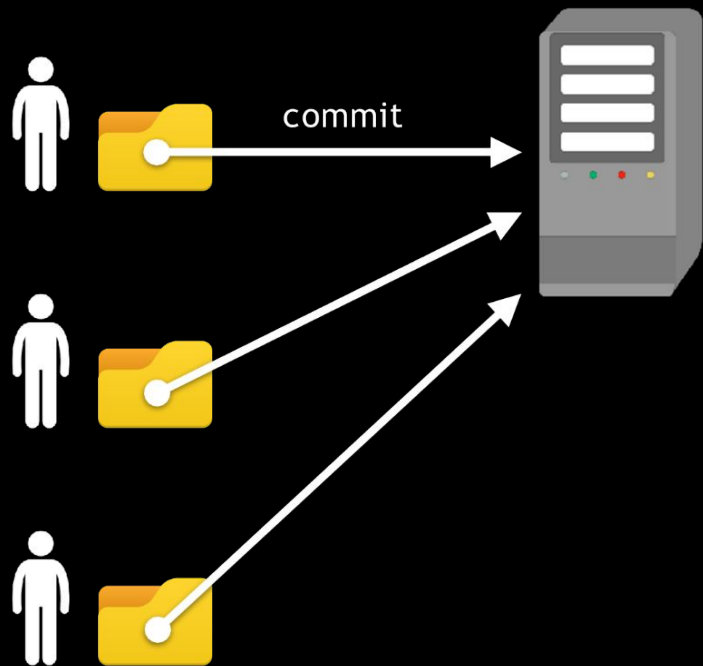
FIAP

Versionamento Distribuído



FIAP

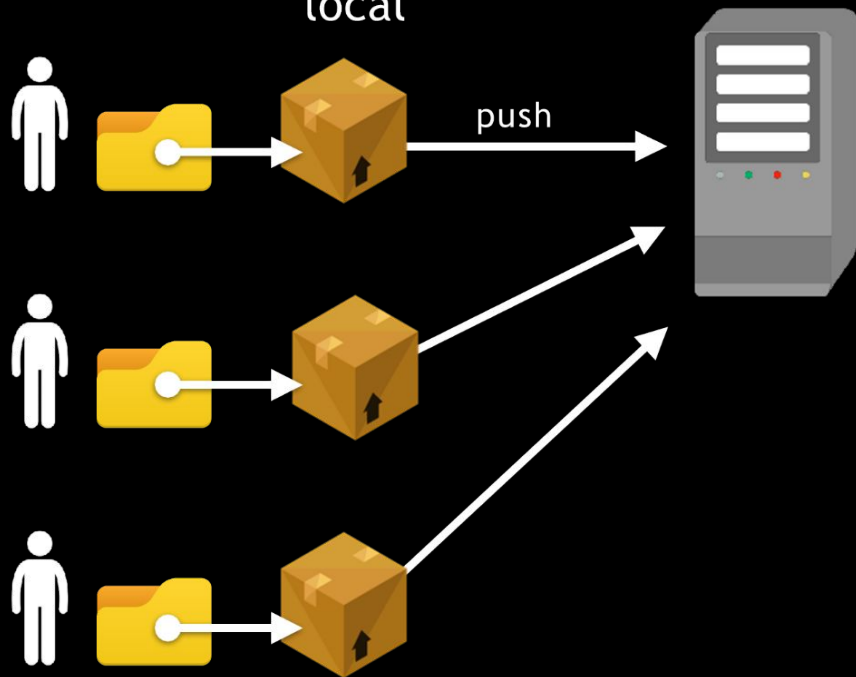
repositório
central



centralizado/linear

repositório
local

repositório
remoto



distribuído

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Linus Torvalds



Criado em 2005

Quais são as vantagens?

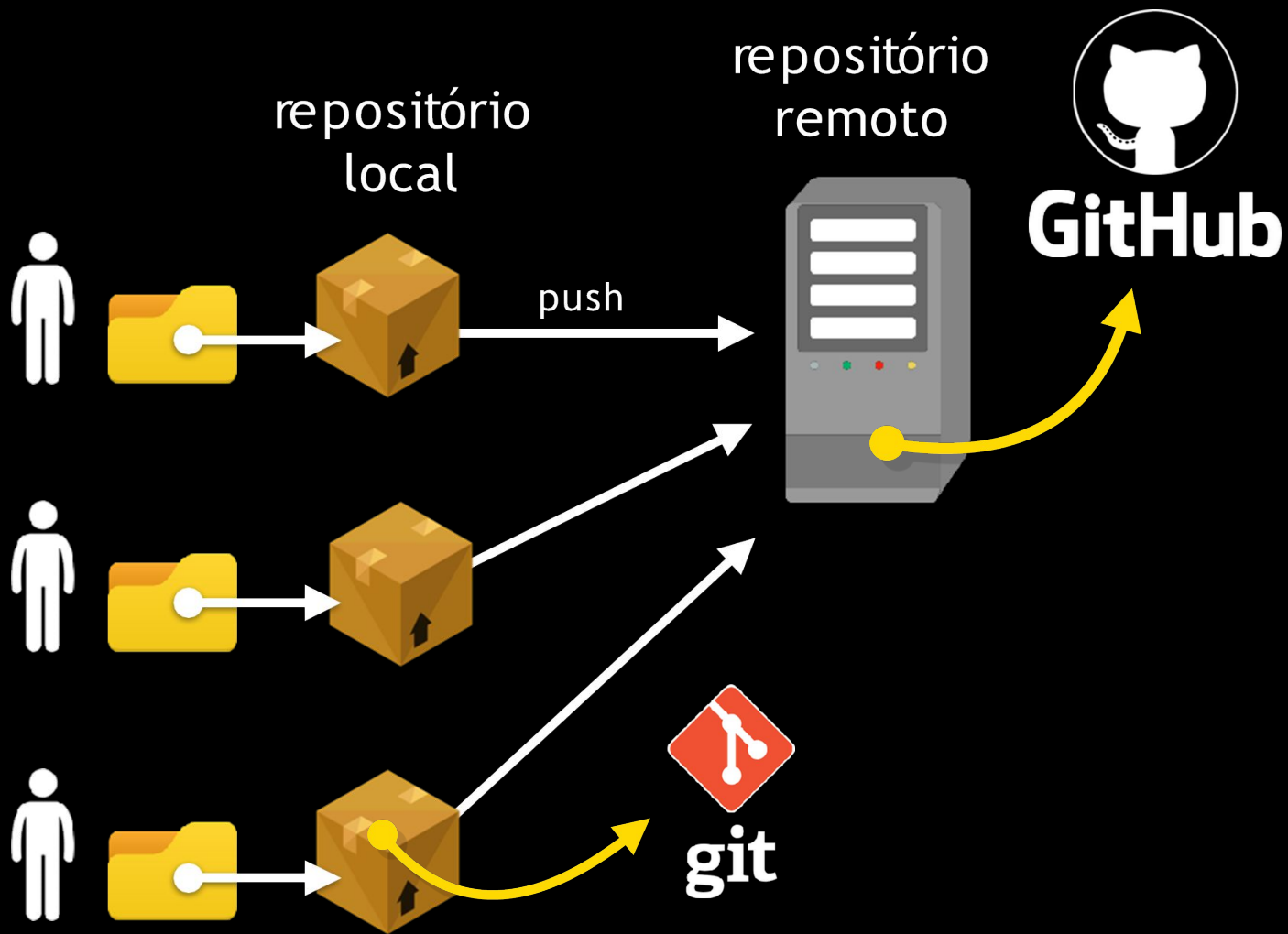
- ✓ Controle de histórico
- ✓ Trabalho em equipe
- ✓ Ramificação do projeto
- ✓ Segurança
- ✓ Organização

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**Pra que
serve o Github?**



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O que é o Github?

É um **repositório remoto** de códigos fonte utilizando git e uma rede social de programadores.



Características

- ✓ Repositórios ilimitados
- ✓ Hospedagem de código-fonte
- ✓ Características de rede social
- ✓ GitHub Pages integrado
- ✓ Colaboração/Forks

Free

The basics for individuals and organizations

\$0

per month
forever

[Join for free](#)

- > **Unlimited public/private repositories**
- > **Automatic security and version updates**
- > **2,000 CI/CD minutes/month**
Free for public repositories
- > **500MB of Packages storage**
Free for public repositories
- > **Issues & Projects**
- > **Community support**

FEATURED ADD-ONS

- > **GitHub Copilot Access**

MOST POPULAR

Team

Advanced collaboration for individuals and organizations

~~\$4~~ **\$3.67**

per user/month
for the first 12 months*

[Continue with Team](#)

- < Everything included in Free, plus...
- > **Access to GitHub Codespaces**
- > **Protected branches**
- > **Multiple reviewers in pull requests**
- > **Draft pull requests**
- > **Code owners**
- > **Required reviewers**
- > **Pages and Wikis**
- > **Environment deployment branches and secrets**

Enterprise

Security, compliance, and flexible deployment

~~\$21~~ **\$19.25**

per user/month
for the first 12 months*

[Start a free trial](#) [Contact Sales](#)

- < Everything included in Team, plus...
- > **Enterprise Managed Users**
- > **User provisioning through SCIM**
- > **Enterprise Account to centrally manage multiple organizations**
- > **Environment protection rules**
- > **Repository rules**
- > **Audit Log API**
- > **SOC1, SOC2, type 2 reports annually**

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**Esse é o
mascote do
GitHub >>>**



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**Quem
seguir?**





William Oliveira

woliveiras

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♡ Sponsor

Software Engineer | book writer | mentor | speaker

👤 2k followers · 755 following

📍 Spain

woliveiras / README.md

William Oliveira

Software Engineer | book writer | mentor | speaker

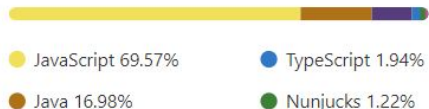
Topics: Career, Web Development, Web Performance, Web Security, Software Architecture, and System Design.

William Oliveira's GitHub Stats

☆ Total Stars Earned:	1.9k
🕒 Total Commits (2024):	78
🔗 Total PRs:	223
🔔 Total Issues:	356
📁 Contributed to (last year):	2



Most Used Languages





Zeno Rocha

zenorocha

Unfollow

Founder & CEO @ Resend

👤 10.6k followers · 231 following

👤 Followed by woliveiras

zenorocha / readme.md

Hey, I'm Zeno! 🙋

👤 Founder & CEO at [Resend](#)

BR Born in Curitiba, Brazil

US Living in San Francisco, California

What I'm working on 🧑💻

💖 Currently creating a better way for developers to send email - [React Email](#)

👤 Currently building a dark theme - [Dracula PRO](#)

Find me elsewhere 🌐

🚀 [Site](#)

🐦 [Twitter](#)

📷 [Instagram](#)

💼 [LinkedIn](#)

Pinned

📄 [resend/react-email](#) Public

📄 [dracula/dracula-theme](#) Public



Felipe Fialho

felipefialho

Follow

Tech Lead at @juntossomosmais and Founder of @frontendbr. Mainly working with JavaScript, TypeScript and CSS - Tech is ❤️

👤 7.3k followers · 261 following

👤 Followed by zenorocha and 1 more

📁 @juntossomosmais, @frontendbr

felipefialho / README.md

Hi there! 🤖

My name is Felipe Fialho from Brazil (BR). I've been working as Front-End Developer since 2009 and currently I'm Tech Lead at [Juntos Somos Mais](#). I'm passionate about open source projects, so I've created some projects as [Front-end BR](#) and I've always loved to produce a lot of content during my career

In my free time I like to play (and watch) football (⚽), bodybuilding and fitness life (💪), to watch movies (🎬) and series (📺), to read books (📖), to listen to music (🎵) and eventually I like to philosophize about life with a beer (🍺)

Would you like to find me?

Blog [felipefialho.com](#)

📺 Youtube

🐦 Twitter

🌐 LinkedIn

📺 Some videos on YouTube BR

- [OPEN SOURCE - Como CONTRIBUIR e como FUNCIONA](#)
- [SEM JAVASCRIPT - Collapse com HTML e CSS em 5min!](#)
- [O que Front-end Developers precisam saber](#)

📄 Some Blog Posts BR

- [Prática x Teoria - Quando aprendemos e quando entendemos?](#)
- [Variáveis CSS: Os superpoderes das variáveis nativas do CSS](#)
- [CSS Grid e Flexbox - Quando utilizar?](#)



Front-end Brasil

O mundo frontender dentro do Github 🇧🇷

👤 3.9k followers

📍 Brazil

🔗 <https://frontendbr.com.br>

🐦 @frontendbr

✉ hi@felipefialho.com

Unfollow

Pinned

💻 **forum** Public

📁 Portando discussões feitas em grupos (Facebook, Google Groups, Slack, Disqus) para o GitHub Discussions

⭐ 4.2k 🍴 237

💻 **vagas** Public

📁 Espaço para divulgação de vagas para front-enders.

⭐ 12.7k 🍴 732

💻 **eventos** Public

📁 Lista de eventos, meetups, encontros e qualquer tipo de aglomeração frontender

🔴 Stylus ⭐ 832 🍴 61

People



Top languages

🟡 JavaScript 🔴 Stylus

Most used topics

frontend **vagas**

vagas-para-desenvolvedores

📁 Repositories

🔍 Find a repository...

Type ▾

Language ▾

Sort ▾

Report abuse



Felipe Regazio

felipe-regazio

Follow

senior software engineer, platform dx,
open sourcerer, intp, lifelong learner,
linuxer, father, skateboarder. a strange
carbon-based lifeform

felipe-regazio / README.md

Hello, my name is Felipe Regazio

And I fucking love coding ❤️ See my [Online CV here](#) and [My Blog here](#)

Pinned

 **1post** Public

A tiny, fast and fun static site generator for quick blogging

 JavaScript  172  10

 **plume-css** Public

A lightweight, minimal and highly themeable CSS Micro-Framework

 SCSS  98  4

 **logflake** Public

A NodeJS Logger with superpowers

 JavaScript  61

 **unilight** Public

Unicode text highlighter

 JavaScript  28  1

 **ssrfcheck** Public

Check if a string contains a potential SSRF attack

 **wrun** Public

Multithread emulator. The wrun allows you to dynamically run a function inside a Web Worker on the client side, without the needing of a dedicated file.



Mario Souto

omariosouto

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♡ Sponsor

I trust in the web and work for make it better! Software Engineer Personal

omariosouto / README.md

"Olá pessoas!" \o/ 🙌

My name is Mario Souto, and I'm from Brazil (BR). I've been working as Front-End Developer since 2015 (also have a past as Open Tibia Server owner). Actually I work as a Front End Engineer at Nubank and have my YouTube Channel where I make it as my personal lab, sharing many stuff there every week :)

Would you like to find me?



Youtube



Twitter



LinkedIn

Recent Videos on YouTube!

- [ENGENHARIA REVERSA 🔥 Como VOCÊ pode implementar o React!](#)
- [O SEGREDO da variável event ou e do addEventListener 🦉](#)
- [Como lidar com o onboarding de pessoas novas no seu time?](#)
- [QUEBROU! O estado atual do processo de contratação em TI .feat Tabnews](#)

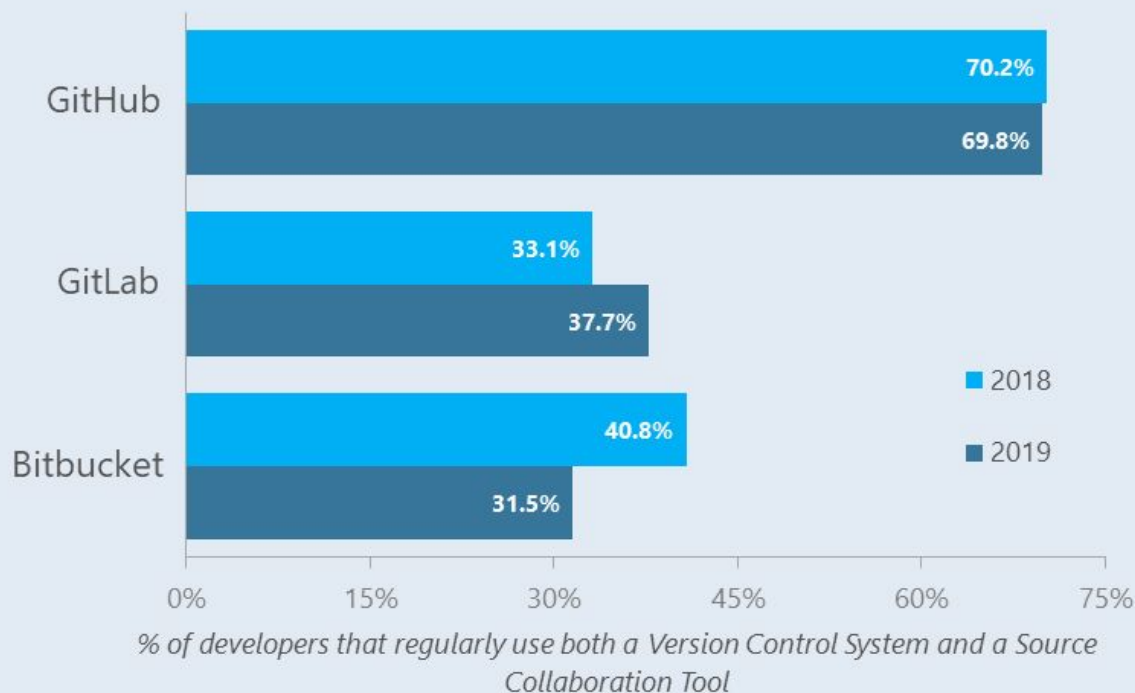
Mario Souto's GitHub Stats

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Tem só o GitHub?

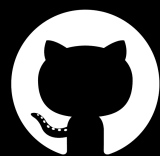


Adoption of Version Control Services



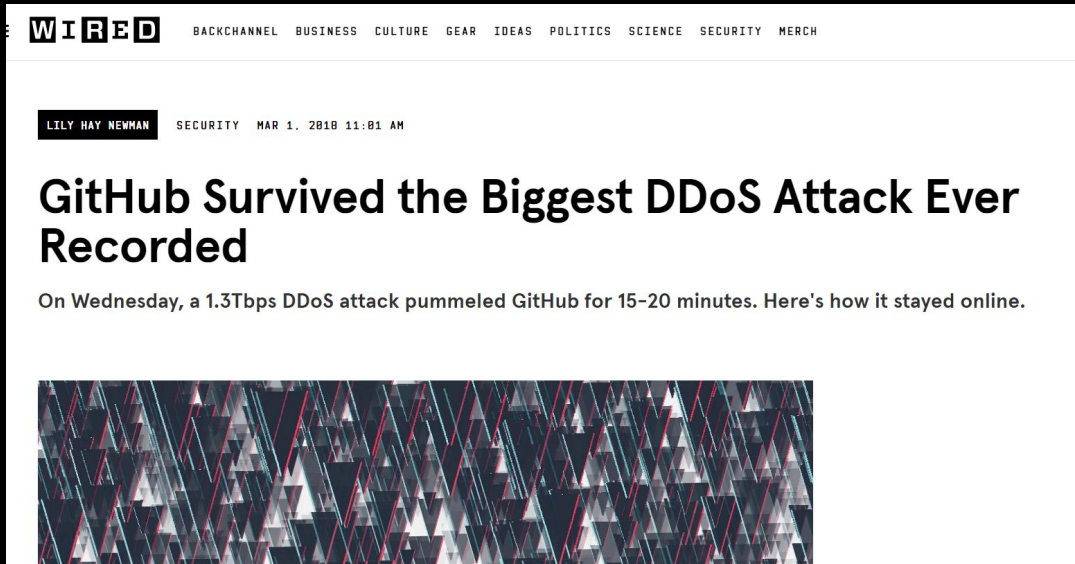
Source: The New Stack's analysis of the JetBrains Developer Ecosystem surveys. (<https://www.jetbrains.com/lp/devecosystem-2019>). Chart only includes respondents that were not part of the JetBrains internal email lists. Q. Which Version Control Services do you regularly use, if any? 2018, n=6,911; 2019, n=2,303. The following choices received less than 10% of responses and are not shown in this graphic: Gitcolony, Perforce, Amazon CodeCommit, RhodeCode, SourceForge, Custom tool, Microsoft TFS / Visual Studio Team Services, Other. This question was only answered by respondents who regularly use a source code collaboration tool and a version control system (e.g., Git, SVN, Mercurial, Plastic SCM).

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GitHub

Criado em 2008



Microsoft compra GitHub por US\$ 7,5 bilhões e anuncia mudanças

Usada por 28 milhões de pessoas, plataforma é o maior repositório de código de programas do mundo.

Por G1

04/06/2018 10h25 · Atualizado há 5 anos



FIAP

**Bora criar
um perfil?**

profile picture?





Let's build from here

The world's leading AI-powered developer platform.

[Sign up for GitHub](#)[Start a free enterprise trial >](#)

Trusted by the world's leading organizations 