

NExT

Nova Experiência de Trabalho

Ellen Coelho
ecxc@cesar.org.br

Ronnie Santos
ress@cesar.org.br



Agenda

1ª Aula (07/11)

Introdução a
Gerência de
Configuração

Introdução ao
Git

Comandos Git

2ª Aula (08/11)

**Explorando o
GitHub**

**Criando
Read.me**

**Criando
Repositório e
adicionando
projetos ao
Github**

3ª Aula (09/11)

Aplicação do
Fluxo de
Trabalho no
GitHub

Mesclando
Branches

Review Process


Conflitos

4ª Aula (10/11)

Gerência de
configuração e
Qualidade de
software

Integração
contínua

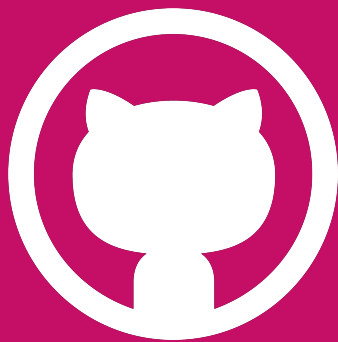
Testes
automatizados
e Github

Todo nosso material de aula, exercícios e chamada vão ser disponibilizados diariamente via Google Classroom 

Classroom

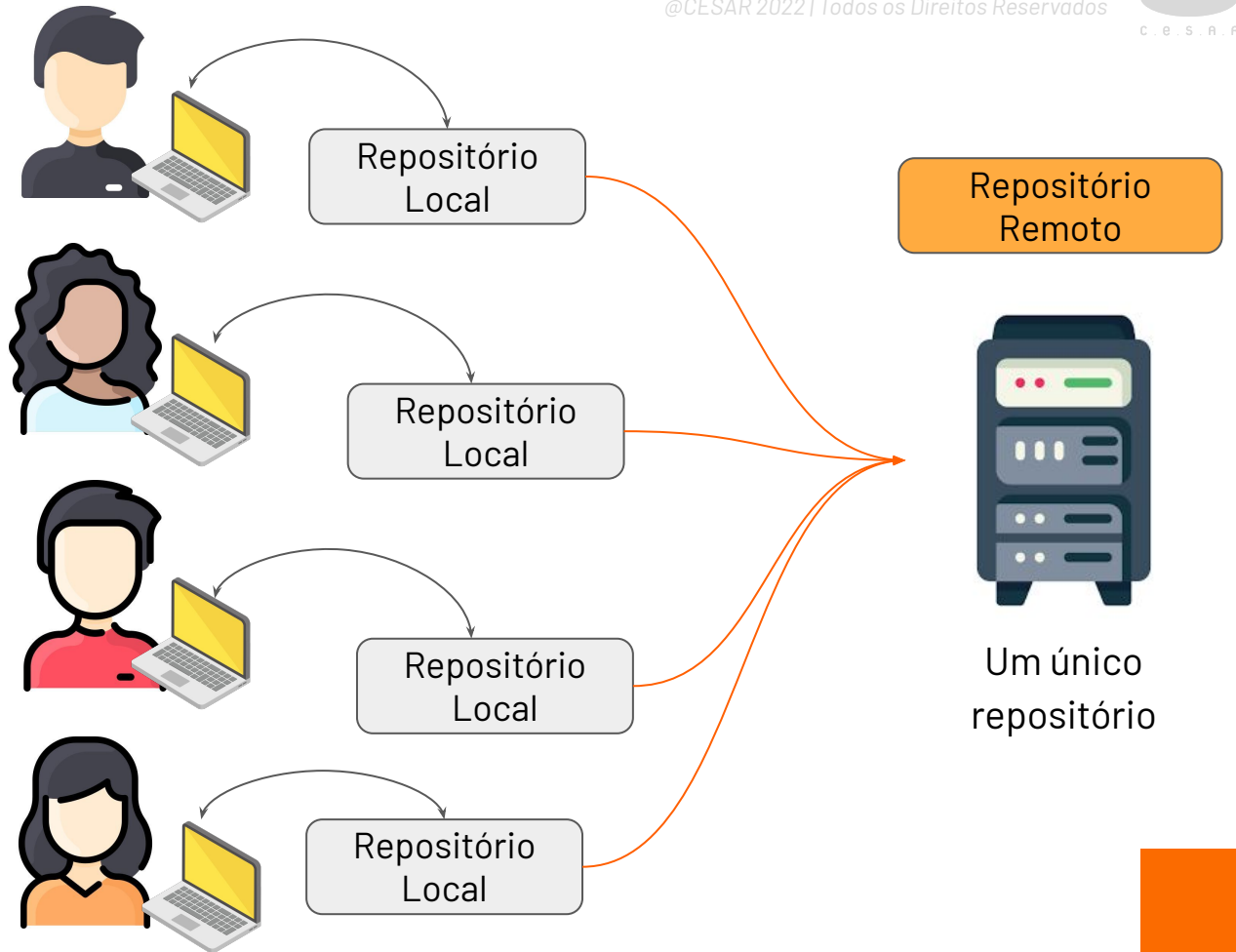
Código da sala:

qjr4fg2

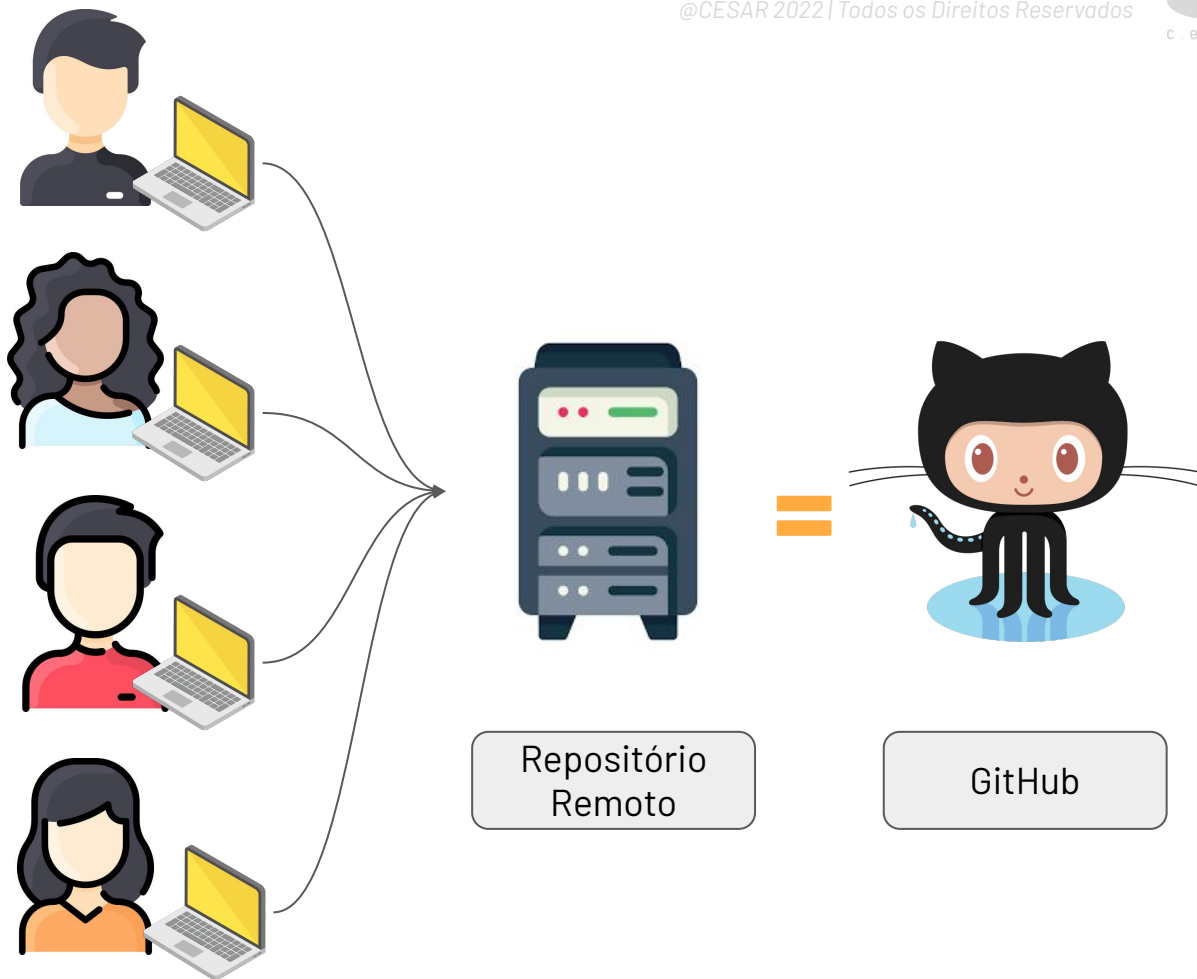


GitHub

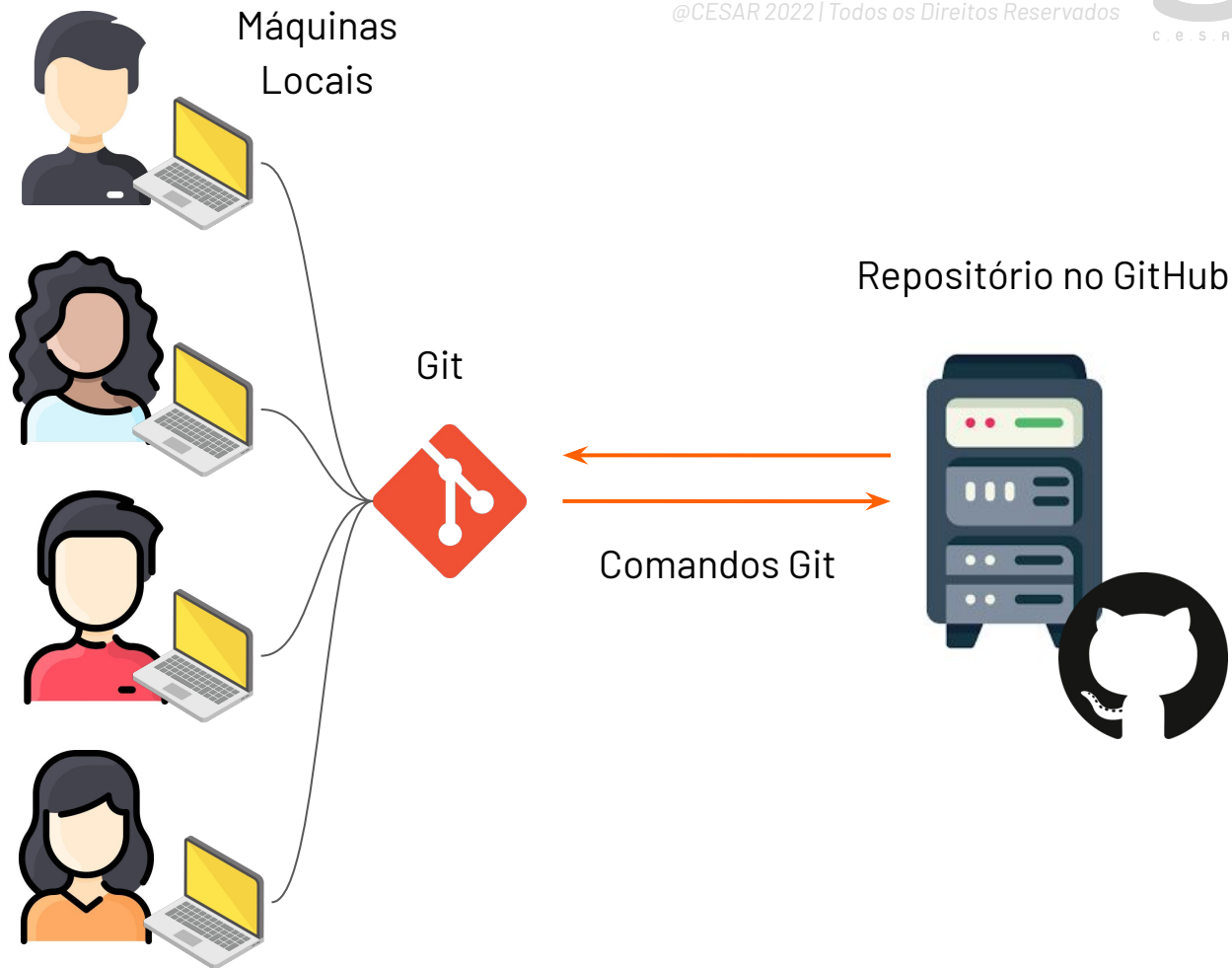
Git ≠ GitHub



Git ≠ GitHub



Git ≠ GitHub



O que é?

Git = sistema de controle de versão

Hub = conexão entre profissionais de programação de qualquer lugar do mundo.

O Git é utilizado para controle de versão somente em seu HD, já o GitHub é um dos **maiores serviços de hospedagem de repositório git.**



[Pull requests](#)[Issues](#)[Marketplace](#)[Explore](#)

NEXT

Nova EXperiência de Trabalho: Repositório de códigos e exercícios do curso NEXT da CESAR School

26 followers



Brazil



<https://www.cesar.school/next-nova-e...>



@thecesar.school

[Unfollow](#)[Overview](#)[Repositories](#)

21

[Projects](#)

2

[Packages](#)[Teams](#)[People](#)

28

Popular repositories

logica-de-programacao

Correção das listas de exercícios

Portugol

22

9

Public

NEXt-2022.2-POO

Este é o repositório do curso do NEXt-2022.2-POO do Cesar School, em que, abordamos os assuntos de Orientação a objeto com Java

Java

6

1

Public

next2021-m02-envio-automatizado-mensagem-email

Envio automatizado de mensagens por e-mail.

Java

3

4

Public

next2021-t12-criacao-de-um-microservico

Python

2

3

Public

next2021-t09-processamento-lote

Python

2

3

Public

next2021-m06-criacao-de-microservice

Python

2

3

Public

View as: **Public**

You are viewing the README and repositories as a public user.

You can [create a README file](#) visible to anyone.

People

[View all](#)

Top languages

Python Java JavaScript HTML

<https://github.com/next-cesar-school>

Importância

Uma das maiores plataformas online de trabalho colaborativo do mundo.

Além de armazenar os códigos, essa plataforma permite que os **usuários troquem impressões, discutam e trabalhem coletivamente para otimizar um projeto.**

**Só existe o
GitHub?**



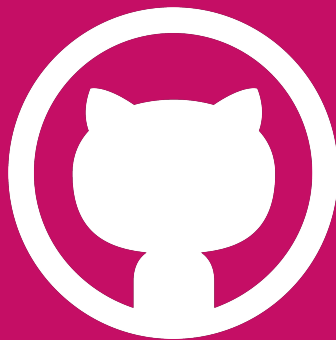
Como Utilizar?

Para utilizar o GitHub é necessário **criar uma conta** pessoal ou uma conta de equipe.

Existem aquelas gratuitas, para usuários individuais, e aquelas destinadas a equipes que utilizam código aberto.

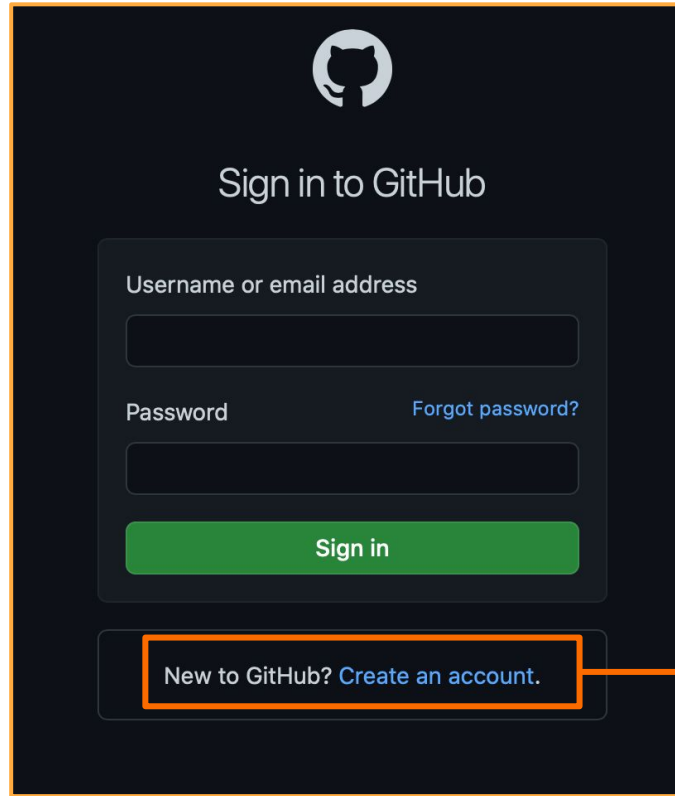
Se você quiser algumas vantagens, como ter repositórios privados, pode adquirir alguma das opções pagas.

Partiu, criar conta!



Criando Conta

<https://github.com/login>



The image shows the GitHub sign-in interface. At the top is the GitHub logo. Below it is the text "Sign in to GitHub". There are two input fields: "Username or email address" and "Password". Below the password field is a link "Forgot password?". A green "Sign in" button is below the inputs. At the bottom, there is a box containing the text "New to GitHub? [Create an account.](#)". An orange arrow points from the "Create an account" link to the list on the right.

Sign in to GitHub

Username or email address

Password [Forgot password?](#)

[Sign in](#)

New to GitHub? [Create an account.](#)

1. Email;
2. Senha;
3. Username;
4. Se deseja receber atualizações por email.

[Pull requests](#) [Issues](#) [Marketplace](#) [Explore](#)

Create your first project

Ready to start building? Create a repository for a new idea or bring over an existing repository to keep contributing to it.


[Create repository](#)[Import repository](#)

Recent activity

When you take actions across GitHub, we'll provide links to that activity here.

The home for all developers — including you.

Welcome to your personal dashboard, where you can find an introduction to how GitHub works, tools to help you build software, and help merging your first lines of code.

 [Start writing code](#)

Start a new repository

A repository contains all of your project's files, revision history, and collaborator discussion.

EllenCoe2 /

**Public**

Anyone on the internet can see this repository

**Private**

You choose who can see and commit to this repository

[Create a new repository](#)

Introduce yourself with a profile README

Share information about yourself by creating a profile README, which appears at the top of your profile page.

EllenCoe2 / README.md

[Create](#)

```
1 - 🙋 Hi, I'm @EllenCoe2
2 - 👀 I'm interested in ...
3 - 🌱 I'm currently learning ...
4 - 🍷 I'm looking to collaborate on ...
5 - 📖 How to reach me ...
6
```

[Use tools of the trade](#)

Simplify your development workflow with a GUI



Install [GitHub Desktop](#) to visualize, commit, and push changes without ever touching the command line.

Install a powerful code editor



[Visual Studio Code](#) is a multi-platform code editor optimized for building and debugging modern applications.

[Get started on GitHub](#)[Follow this exercise to try the GitHub flow](#)

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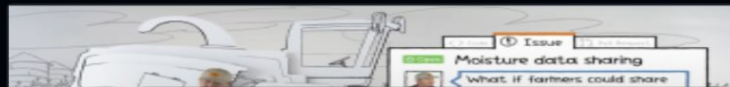


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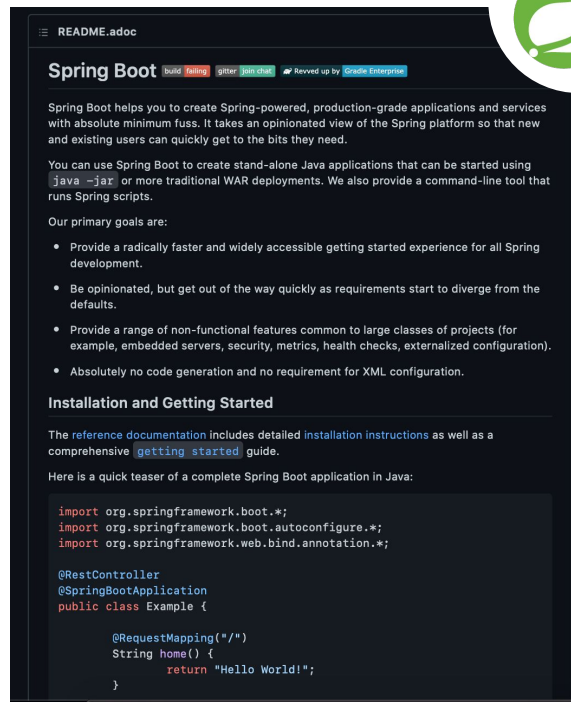
Read.me

README.md é um arquivo com extensão **.md** (Markdown).

Contém informações necessárias para **entender o objetivo do projeto**.

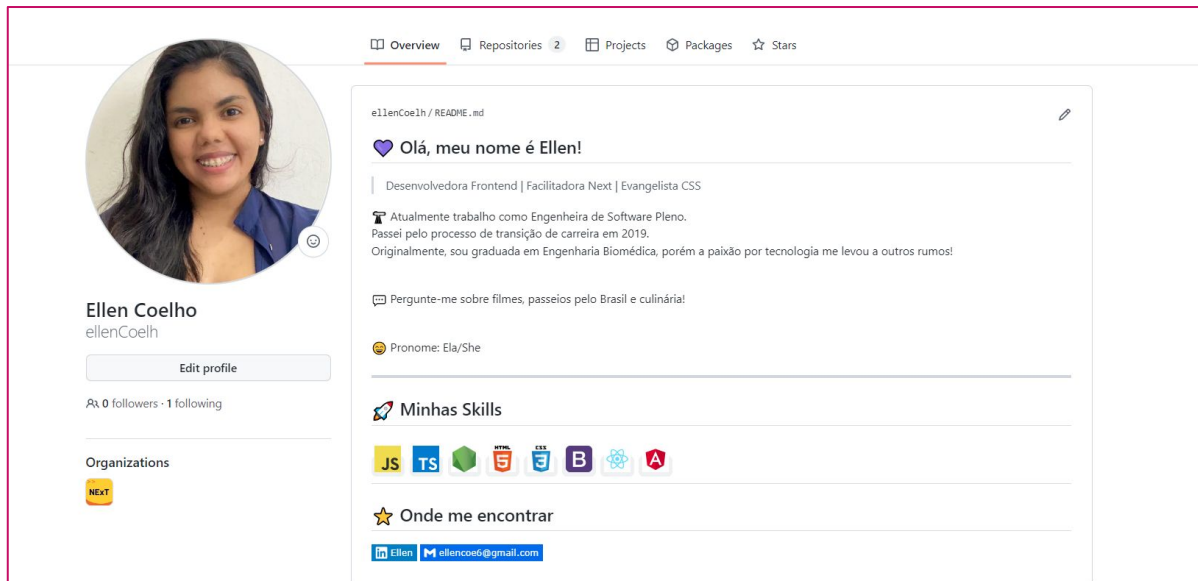
README é uma palavra em *inglês* que traduzida fica **LEIAME**.

Muitas vezes possuem algumas instruções de como usar, exemplos de aplicação, principais dúvidas entre outros.



Read.me

o README como um **cartão de visita**!



The screenshot shows a GitHub profile for 'ellenCoe1h'. The profile includes a circular profile picture of a woman, the name 'Ellen Coelho', and the username 'ellenCoe1h'. Below the name is an 'Edit profile' button. The profile statistics show '0 followers · 1 following'. Under the 'Organizations' section, there is a 'NEXT' button. The main content area is titled 'ellenCoe1h / README.md' and contains the following text:

♥ Olá, meu nome é Ellen!

Desenvolvedora Frontend | Facilitadora Next | Evangelista CSS

Atualmente trabalho como Engenheira de Software Pleno. Passei pelo processo de transição de carreira em 2019. Originalmente, sou graduada em Engenharia Biomédica, porém a paixão por tecnologia me levou a outros rumos!

Pergunte-me sobre filmes, passeios pelo Brasil e culinária!

Pronome: Ela/She

Minhas Skills

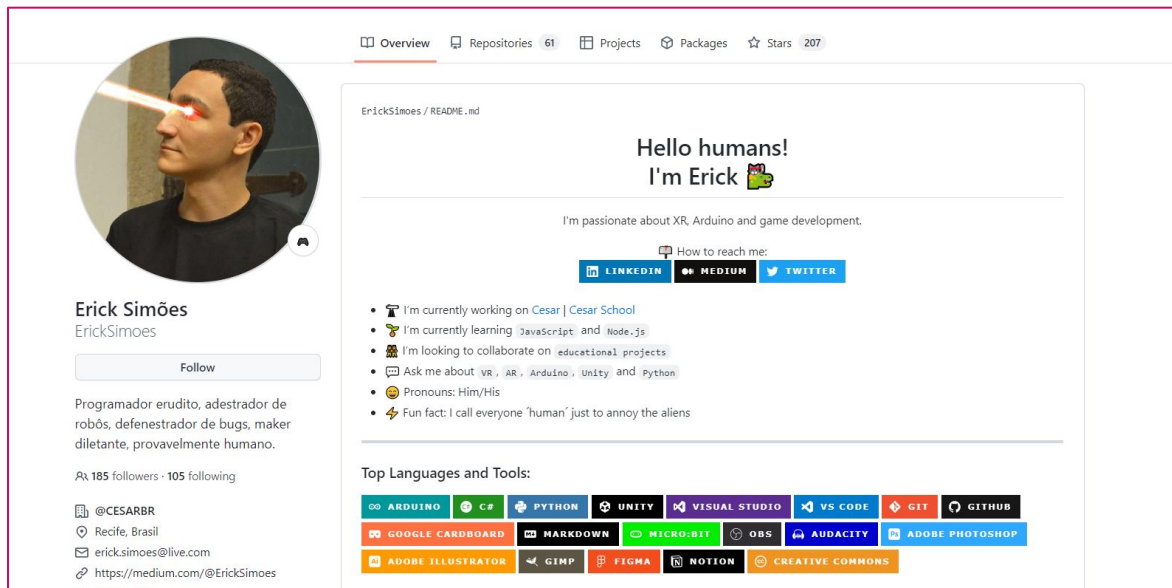
JS TS CSS HTML5 JAVASCRIPT B A

Onde me encontrar

Ellen | ellencoel@gmail.com

Read.me

o README como um **cartão de visita!**



The screenshot displays a GitHub profile for Erick Simões (@ErickSimoes). The profile includes a circular profile picture of a man with a red laser beam in his eye, a bio describing him as a programmer, bug defencer, and maker, and statistics showing 185 followers and 105 following. The README file is open, featuring a friendly greeting, contact information for LinkedIn, Medium, and Twitter, a list of current projects and interests, and a collection of logos for various programming languages and tools used.

Erick Simões
ErickSimoes

Follow

Programador erudito, adestrador de robôs, defenestrador de bugs, maker diletante, provavelmente humano.

185 followers · 105 following

@CESARBR
Recife, Brasil
ericksimoes@live.com
<https://medium.com/@ErickSimoes>

Overview Repositories 61 Projects Packages Stars 207

ErickSimoes / README.md

Hello humans! I'm Erick 🐱

I'm passionate about XR, Arduino and game development.

How to reach me:

[LINKEDIN](#) [MEDIUM](#) [TWITTER](#)

- I'm currently working on Cesar | Cesar School
- I'm currently learning JavaScript and Node.js
- I'm looking to collaborate on educational projects
- Ask me about VR, AR, Arduino, Unity and Python
- Pronouns: Him/His
- Fun fact: I call everyone "human" just to annoy the aliens

Top Languages and Tools:

ARDUINO C# PYTHON UNITY VISUAL STUDIO VS CODE GIT GITHUB
GOOGLE CARDBOARD MARKDOWN MICRO:BIT OBS AUDACITY ADOBE PHOTOSHOP
ADOBE ILLUSTRATOR GIMP FIGMA NOTION CREATIVE COMMONS

[Pull requests](#) [Issues](#) [Marketplace](#) [Explore](#)

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EllenCoe2 /



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[Use tools of the trade](#)

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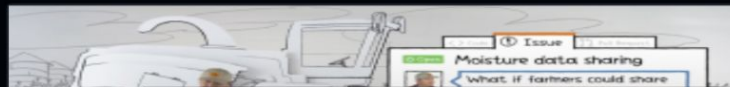


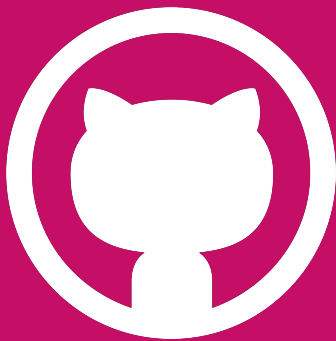
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[Get started on GitHub](#)[Follow this exercise to try the GitHub flow](#)



**Criando um pequeno perfil
através do Read.me**



Sintaxe de escrita e formatação básica

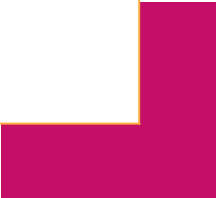
<https://docs.github.com/pt/get-started/writing-on-github/getting-started-with-writing-and-formatting-on-github/basic-writing-and-formatting-syntax>

Ícones

<https://gist.github.com/rxaviers/7360908>

Modelos

<https://github.com/kautukkundan/Awesome-Profile-README-templates>



Read.me

Sendo um desenvolvedor, é essencial que você saiba como documentar seu projeto escrevendo um bom README, pois:

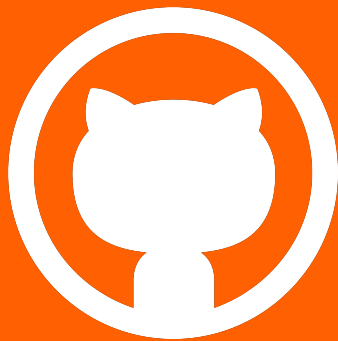
- É o primeiro arquivo que uma pessoa verá ao encontrar o projeto. Por isso, ele precisa ser breve, mas detalhado.
- Isso fará com que seu projeto se destaque dos outros. Claro, não se esqueça de fazer um bom projeto.
- Ele ajudará a priorizar as necessidades do projeto, quanto ao que precisa ser entregue e como fazer isso.
- Escrevê-lo vai melhorar suas habilidades de escrita.




<https://readme.so/pt>

A forma mais fácil de criar um
README


Um editor permite adicionar e
personalizar facilmente todas as
seções que precisa para o
README do seu projeto.



Criando repositório remoto





[Pull requests](#) [Issues](#) [Marketplace](#) [Explore](#)


 [ellenCoelh](#)


Recent Repositories

Find a repository...

 [next-cesar-school/next20221-t3-criacao-de-um-microservico](#)

 [ellenCoelh/Pratica1Java](#)

 [ellenCoelh/ellenCoelh](#)

 [ellenCoelh/readme-template](#)

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< > Start writing code


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ellenCoelh /

☐  **Public**


Anyone on the internet can see this repository

☒  **Private**


You choose who can see and commit to this repository

Create a new repository


Repositories that need your help

 [up-for-grabs](#) / [up-for-grabs.net](#)

This is a list of projects which have curated tasks specifically for new contributors. These issues are a great way to get started with a project, or to help share the load of working on open source projects. Jump in!

 [goatshriek](#) / [stumpless](#)


a C logging library built for high performance and a rich feature set

 [triplea-game](#) / [triplea](#)


TripleA is a turn based strategy game and board game engine, similar to Axis & Allies or Risk.

See more repos with good first issues

Use tools of the trade

 **Simplify your development workflow with a GUI**

Install [GitHub Desktop](#) to visualize, commit, and push changes without ever touching the command line.

 **Get AI-based coding suggestions**

Try [GitHub Copilot](#) free for 60 days, which suggests code and entire functions in real-time, right from your editor.

<https://github.com/new>

1

**Tenho um projeto
localmente e
quero enviá-lo
para um
repositório
remoto**

2

**Tenho um
projeto
remotamente e
quero adquiri-lo
para trabalhar
localmente**

Enviando projetos locais para um repositório no GitHub

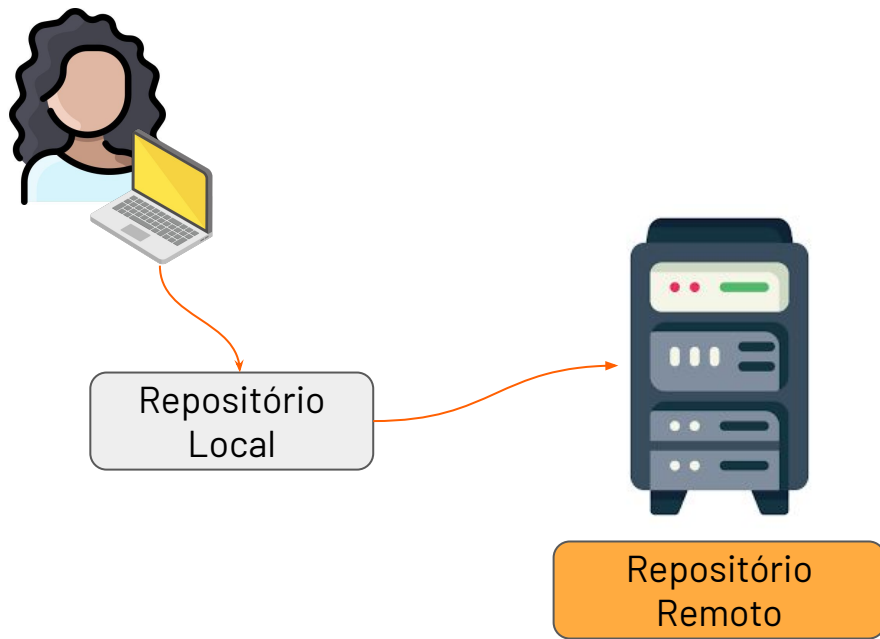


Repositório
Local

Antes de iniciar, vamos criar um projeto fake, apenas com um arquivo .txt

- Crio uma nova pasta - *PrimeiroRepositorio*
- Crio um novo arquivo .txt
- Adiciono qualquer texto nele (Só para teste)

Enviando projetos locais para um repositório no GitHub



1. Criar um novo repositório no GitHub

<> Start writing code

Start a new repository

A repository contains all of your project's files, revision history, and collaborator discussion.

ellenCoelh / PrimeiroRepositorio



Public

Anyone on the internet can see this repository




Private

You choose who can see and commit to this repository

Create a new repository

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

 Set up in Desktop

or

HTTPS

SSH

<https://github.com/ellenCoelh/PrimeiroRepositorio.git>



Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

```
echo "# PrimeiroRepositorio" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/ellenCoelh/PrimeiroRepositorio.git
git push -u origin main
```



...or push an existing repository from the command line

```
git remote add origin https://github.com/ellenCoelh/PrimeiroRepositorio.git
git branch -M main
git push -u origin main
```



...or import code from another repository

You can initialize this repository with code from a Subversion, Mercurial, or TFS project.

Import code

Git config

1. Set your username: `git config --global user.name "FIRST_NAME LAST_NAME"`
2. Set your email address: `git config --global user.email "MY_NAME@example.com"`

Enviando projetos locais para um repositório no GitHub



Repositório
Local

2. Acessar o meu projeto pelo terminal

`C:\Users\ecxc\Desktop\PrimeiroRepositorio`

3. Inicializa e Adiciona a referência do repositório GitHub

`git init`

`git remote -v`

`git remote add origin "Endereço repositório GitHub"`

Git Remote

Para gerenciar comunicação de repositórios remotos, você precisa salvar no seu repositório local referências para os repositórios remotos.

Enviando projetos locais para um repositório no GitHub



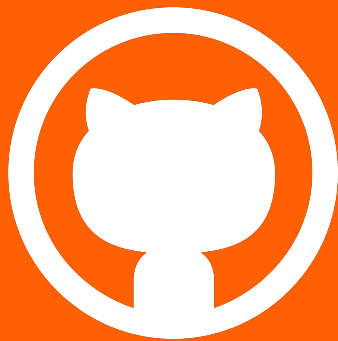
Repositório
Local

4. Adiciona o arquivo e comenta as alterações

```
git add .  
git commit -m "Comentário"
```

5. Envia para o repositório remoto

```
git push origin main
```



Agora é com vocês!

Prática

Enviar um arquivo txt

```
git init
git remote -v
git remote add origin "Endereço repositório GitHub"
git status
git add . ou git add "Nome do arquivo"
git status
git commit -m "Comentário"
git status
git push origin main
```

Desafio: Enviar os projetos das disciplinas anteriores ao GitHub (Vamos escolher 1?)



1

**Tenho um projeto
localmente e
quero enviá-lo
para um
repositório
remoto**

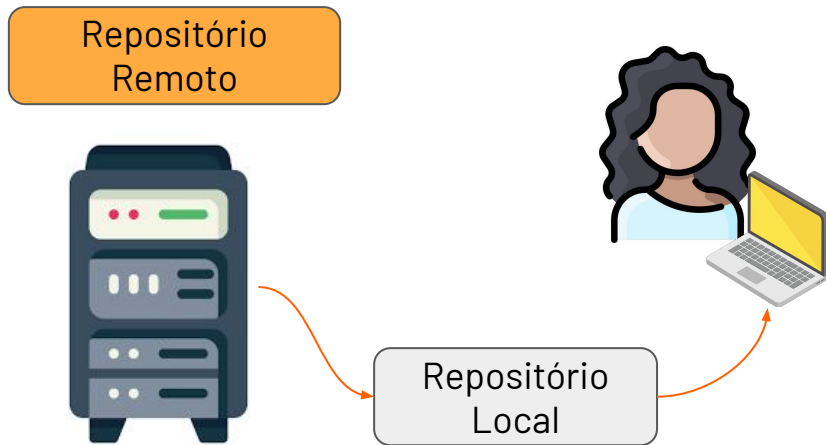
2

**Tenho um
projeto
remotamente e
quero adquiri-lo
para trabalhar
localmente**

Adquirindo projetos um repositório no GitHub

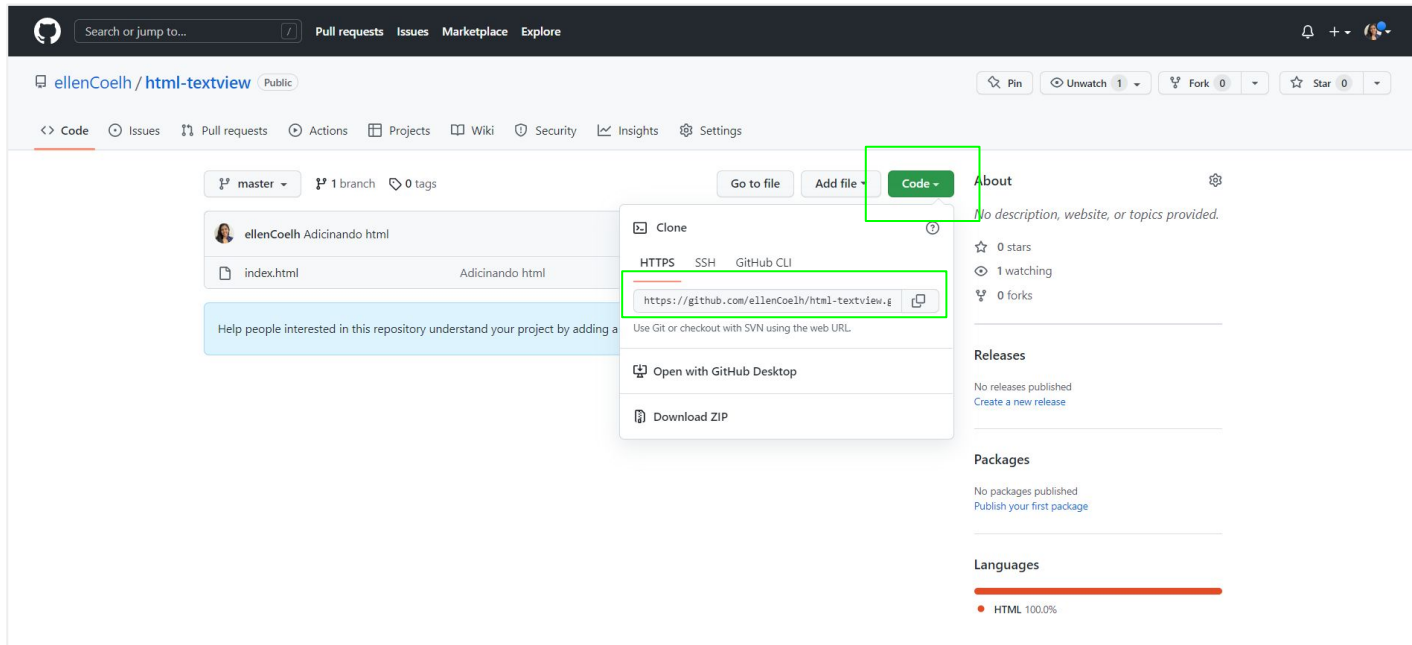
1. Entrar no repositório a qual eu desejo adquirir

<https://github.com/ellenCoelh/html-textview>



Adquirindo projetos um repositório no GitHub

Repositório
Remoto



Adquirindo projetos um repositório no GitHub



2. Escolha o local onde deseja o colocar projeto

`C:\Users\ecxc\Desktop\NextHtml`

3. Copie um repositório Git existente em um novo diretório local

`git clone "Endereço do repositório"`

Adquirindo projetos um repositório no GitHub



4. Acesse o projeto pelo *Explorador de Arquivos* e valide o arquivo do projeto.

**Desafio: Entrar no perfil de
Erick Simões e *clonar* o
repositório chamado
*“projeto-exemplo”***



Dúvidas?

Monitoria



Monitoria

- Criação de conta no GitHub;
- Criação de um pequeno “Sobre mim” no Read.me;
- Criação do primeiro repositório - Git Remote Add
 - Adicionando um arquivo *txt*;
 - Adicionando um projeto do módulo anterior;
- Clone de repositório
 - Validar os arquivos baixados



```
C:\Users\ecxc\Desktop\NextGit>git init
Initialized empty Git repository in C:/Users/ecxc/Desktop/NextGit/.git/

C:\Users\ecxc\Desktop\NextGit>git remote -v

C:\Users\ecxc\Desktop\NextGit>git remote add origin https://github.com/ellenCoelh/PrimeiroRepositorio.git

C:\Users\ecxc\Desktop\NextGit>git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Exemplo Enviando Arquivo Pro GitHub.txt

nothing added to commit but untracked files present (use "git add" to track)

C:\Users\ecxc\Desktop\NextGit>git add .

C:\Users\ecxc\Desktop\NextGit>git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   Exemplo Enviando Arquivo Pro GitHub.txt

C:\Users\ecxc\Desktop\NextGit>git commit -m "Meu primeiro commit"
[master (root-commit) e2effaa] Meu primeiro commit
1 file changed, 3 insertions(+)
create mode 100644 Exemplo Enviando Arquivo Pro GitHub.txt

C:\Users\ecxc\Desktop\NextGit>git push origin master
```



C . E . S . A . R

Pessoas impulsionando inovação.
Inovação impulsionando negócios.

