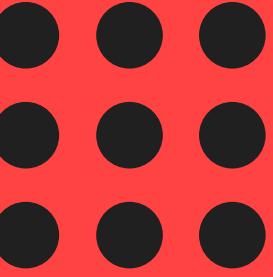


GIT & GITHUB

Ferramenta de versionamento de
código.



POR ARIEL PAIXÃO

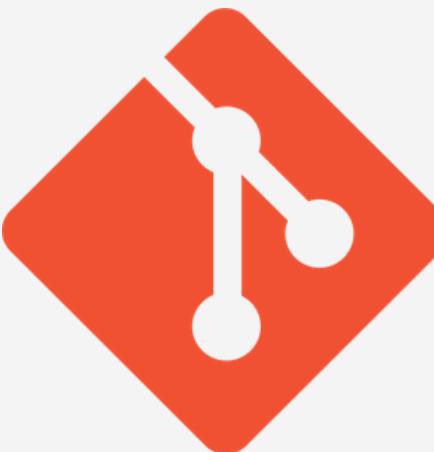


SENAI

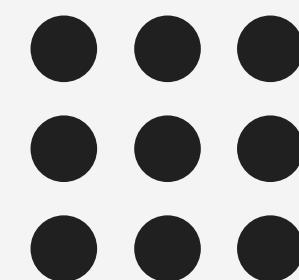
O que é Git?



É uma ferramenta de versionamento de código, utilizado no desenvolvimento de projetos, possibilitando que diversas pessoas contribuam e salvem seus códigos simultaneamente.

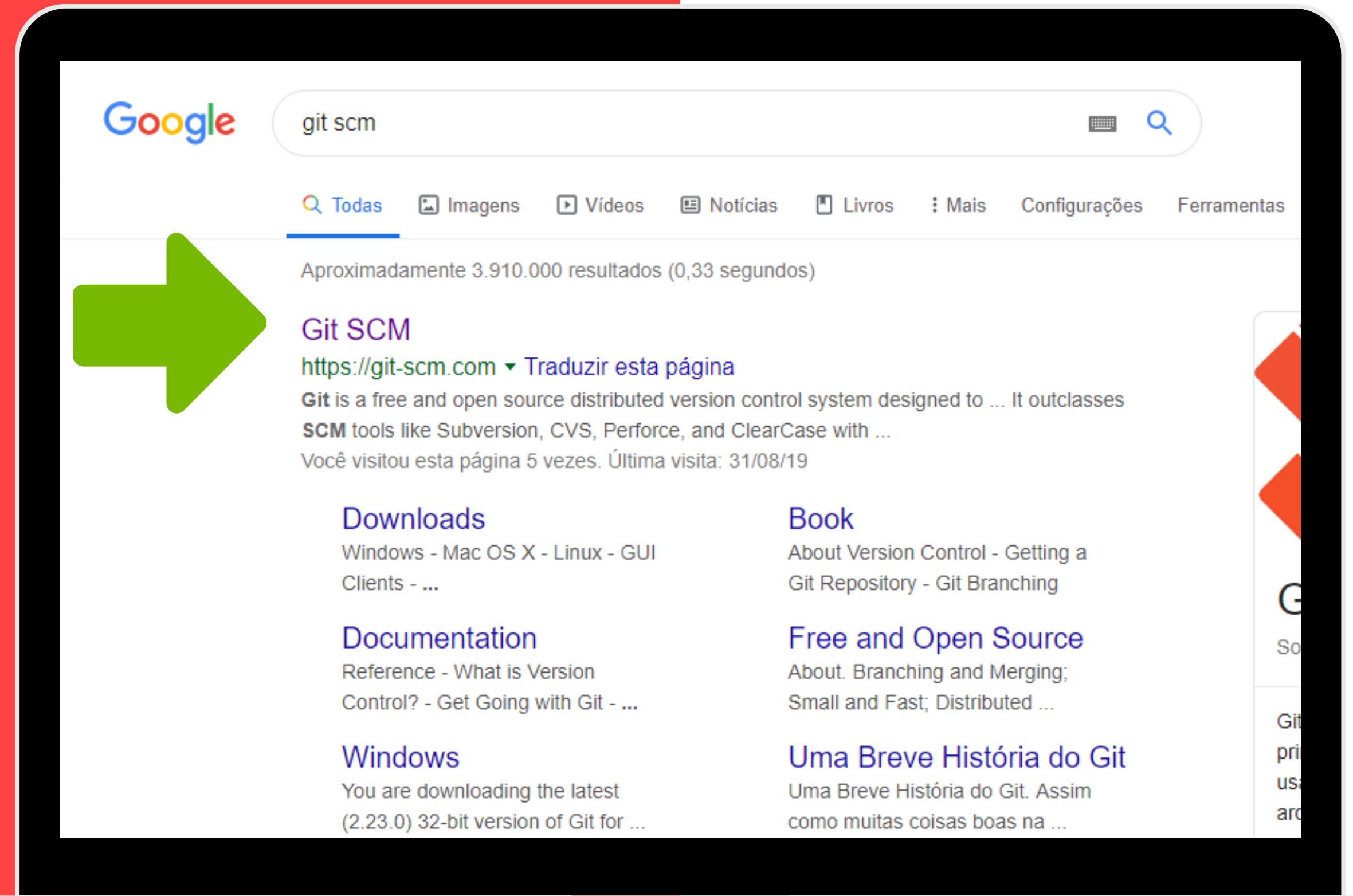


git



Como instalar

- Acesse: <https://www.git-scm.com>



Clique em 'Downloads'

git --everything-is-local

Search entire site...

Git is a [free and open source](#) distributed version control system designed to handle everything from small to very large projects with speed and efficiency.

Git is easy to learn and has a [tiny footprint with lightning fast](#) performance. It outclasses SCM tools like Subversion, CVS, Perforce, and ClearCase with features like [cheap local branching](#), convenient staging areas, and [multiple workflows](#).

About
The advantages of Git compared to other source control systems.

Documentation
Command reference pages, Pro Git book content, videos and other material.

Downloads
GUI clients and binary releases for all major platforms.

Community
Get involved! Bug reporting, mailing list, chat, development and more.

Latest source Release
2.23.0
Release Notes (2019-08-16)
Download 2.23.0 for Windows

Clique em 'Windows'



The image shows a screenshot of the official Git website's 'Downloads' page. At the top left is the Git logo with the tagline 'fast-version-control'. On the right is a search bar. Below the logo are links for 'About', 'Documentation', 'Downloads' (which is highlighted in red), and 'Community'. The 'Downloads' section features three download buttons: 'Mac OS X' (with an Apple icon), 'Windows' (with a Windows icon), and 'Linux/Unix' (with a terminal icon). To the right of these buttons is a computer monitor displaying the 'Latest source Re' release version '2.23.0' and a 'Download 2.23.' button. Below the download buttons is a note: 'Older releases are available and the Git source repository is on GitHub.' At the bottom left is a box containing information about the 'Pro Git book'. At the bottom right are sections for 'GUI Clients' and 'Logos'.

git --fast-version-control

About

Documentation

Downloads

GUI Clients

Logos

Community

The entire [Pro Git book](#) written by Scott Chacon and Ben Straub is available to [read online for free](#). Dead tree versions are available on [Amazon.com](#).

Downloads

Mac OS X Windows Linux/Unix

Latest source Re
2.23.0
Release Notes (2019-08-13)
Download 2.23.

Older releases are available and the Git source repository is on GitHub.

GUI Clients

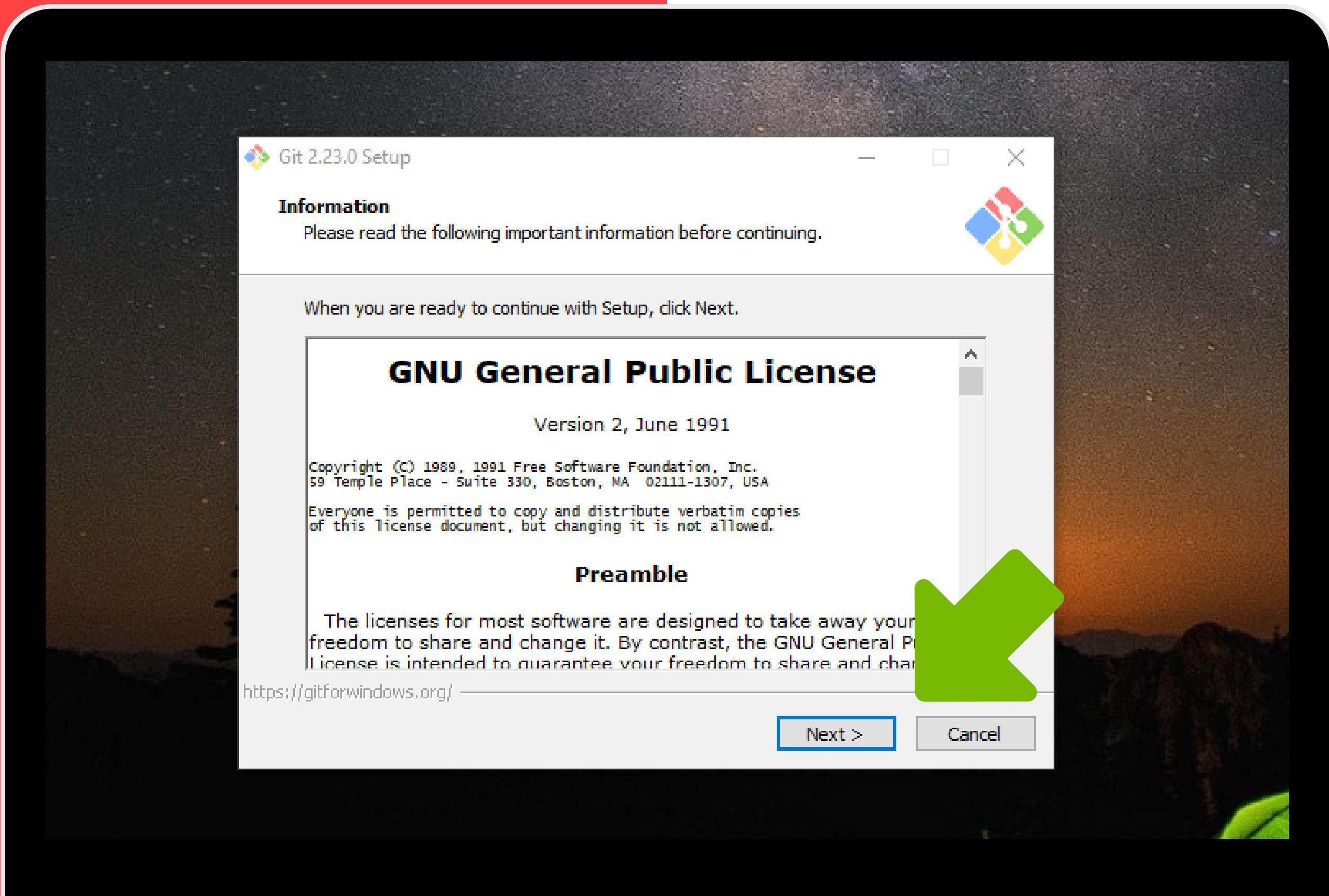
Git comes with built-in GUI tools (`git-gui`, `gitk`), but there are several third-party tools for users looking for a platform-specific experience.

Logos

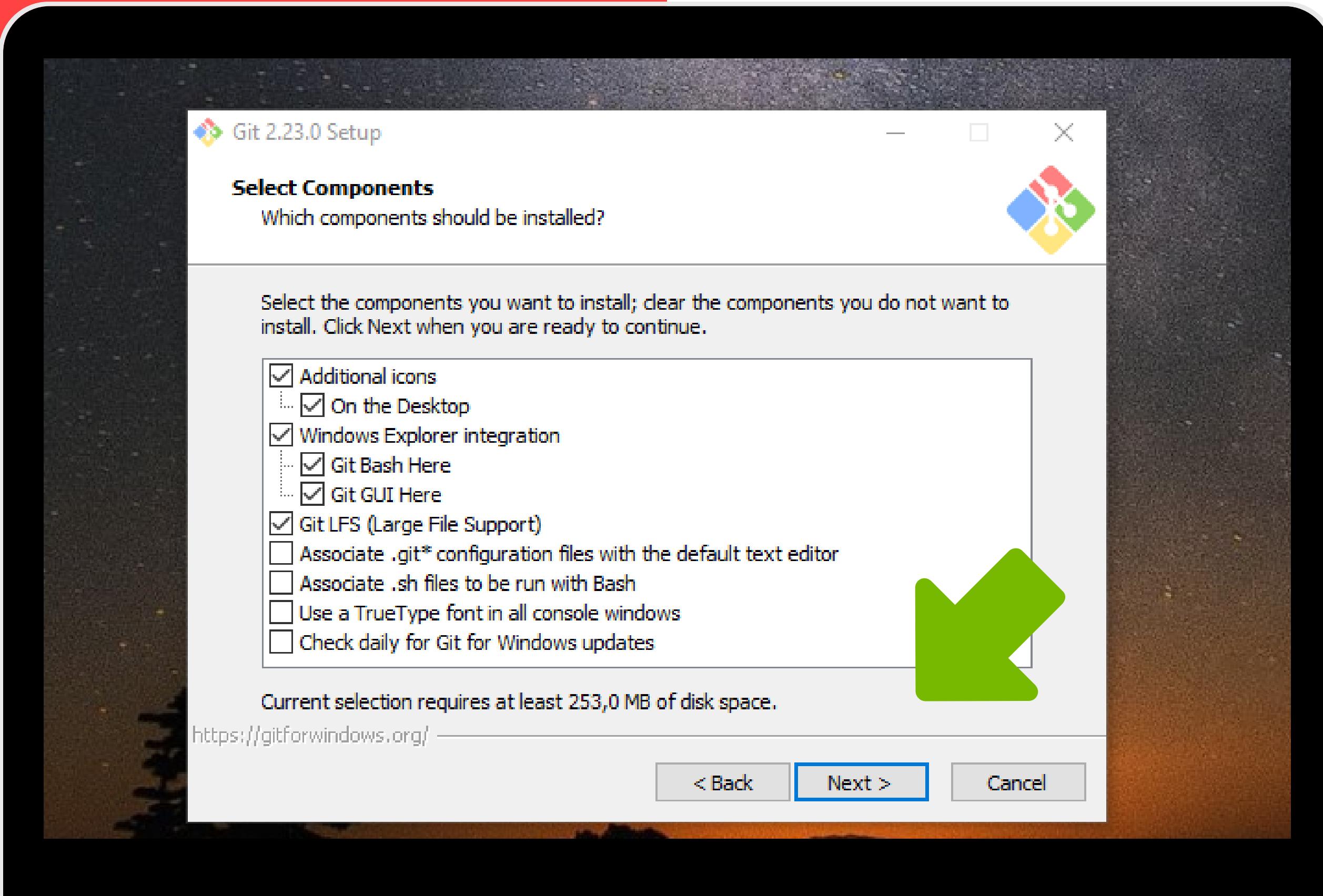
Various Git logos in PNG (vector) formats are available online and print projects.

[View Logos](#)

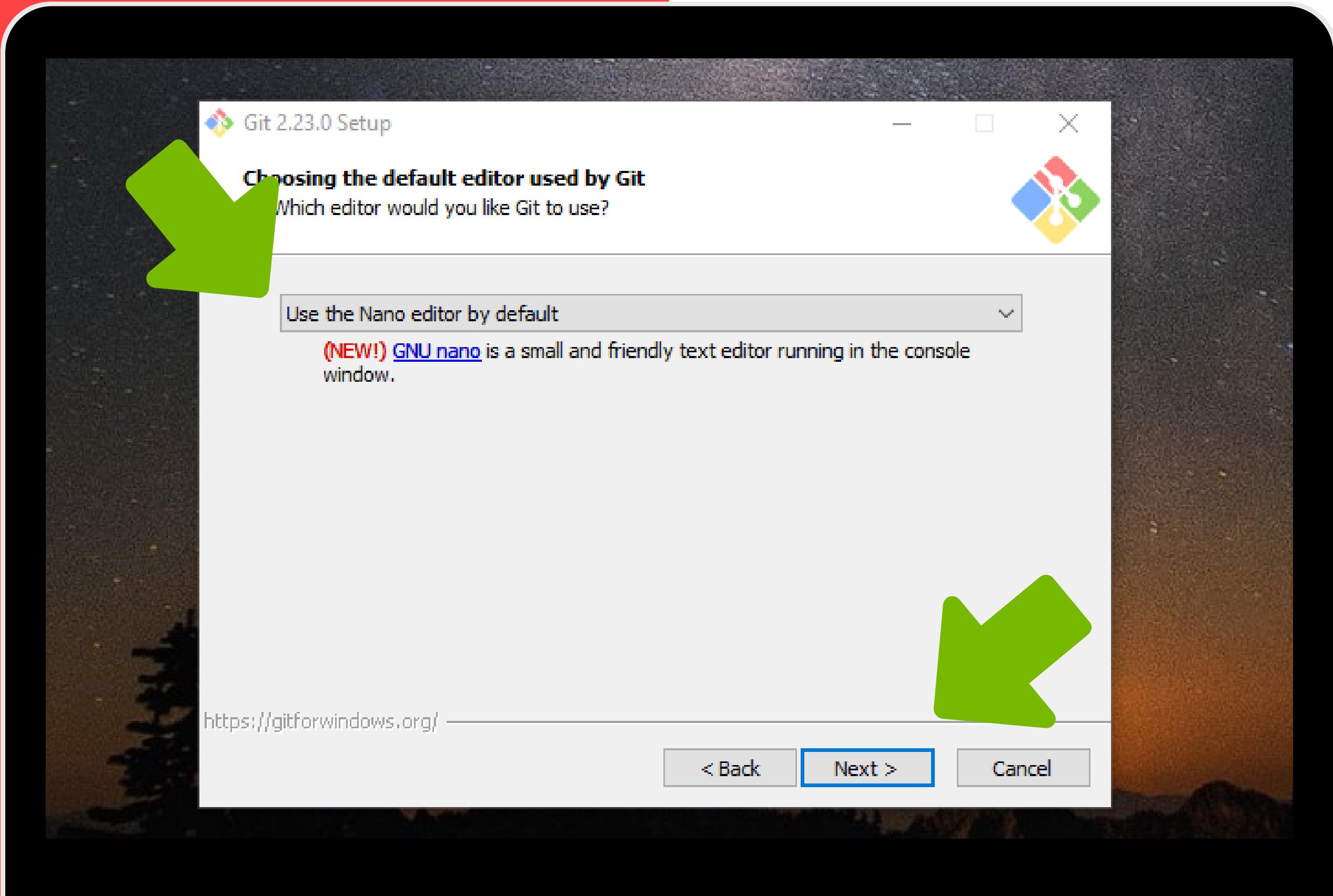
Clique em 'Next'



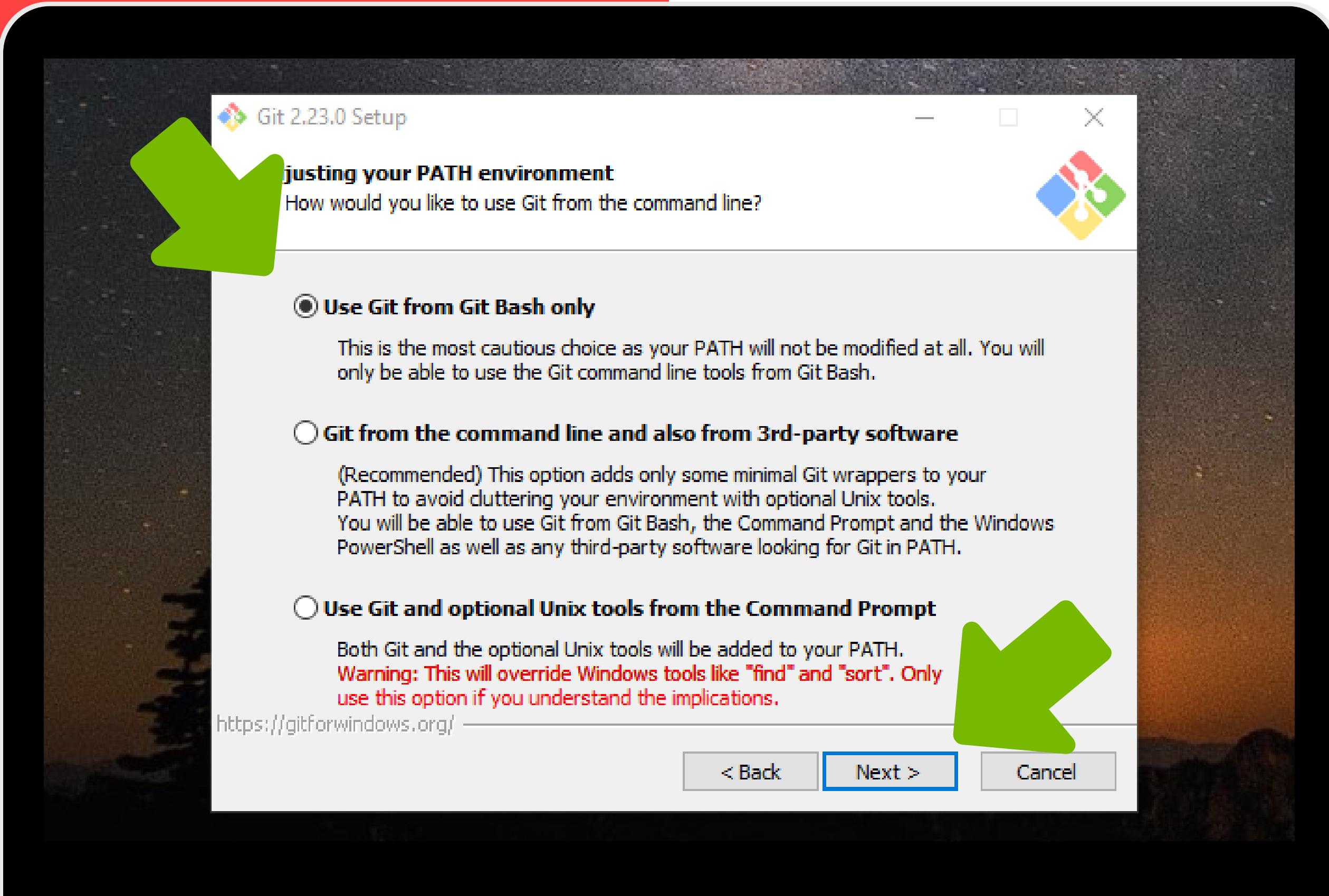
Selecione as opções



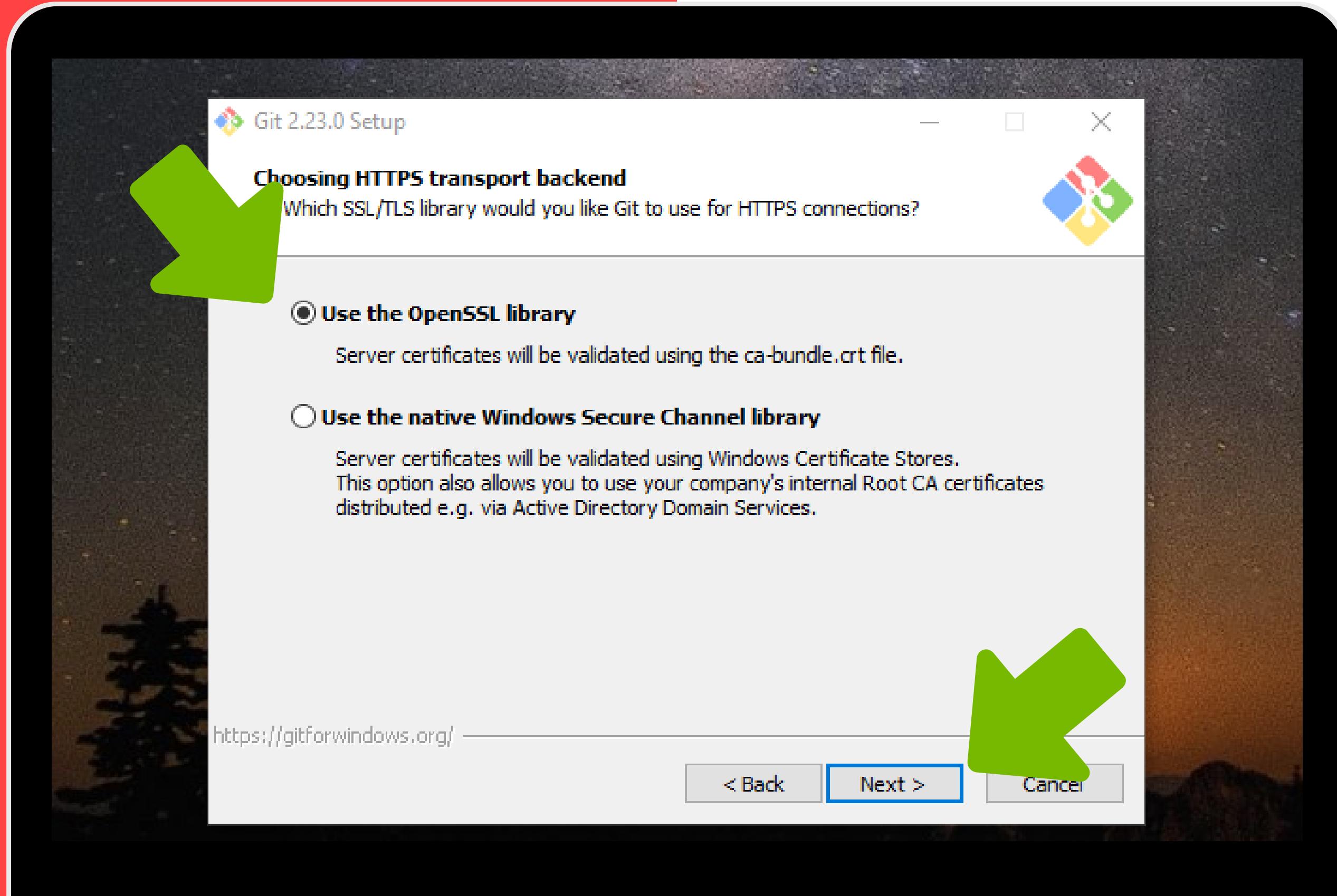
Selecione as opções



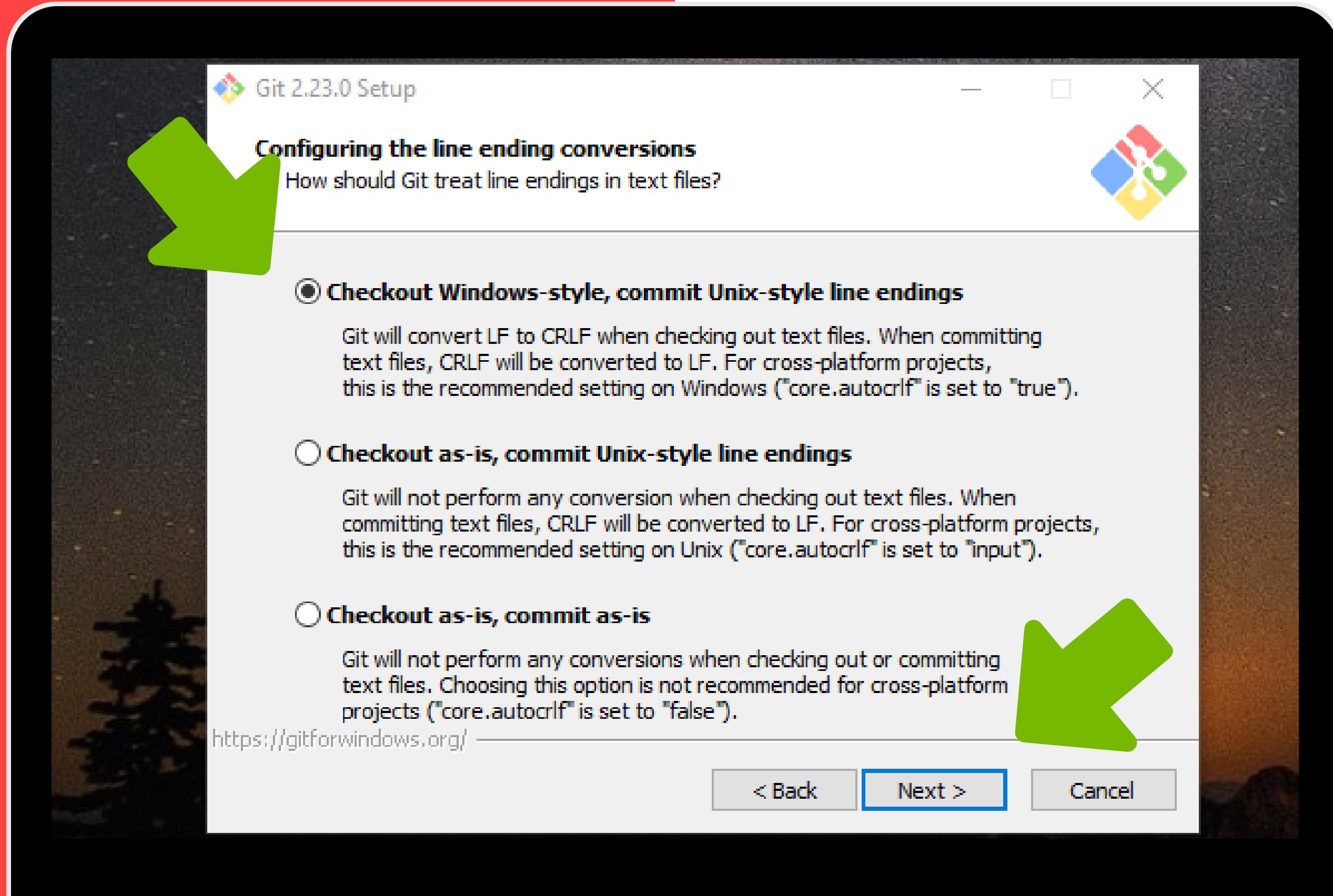
Selecione as opções



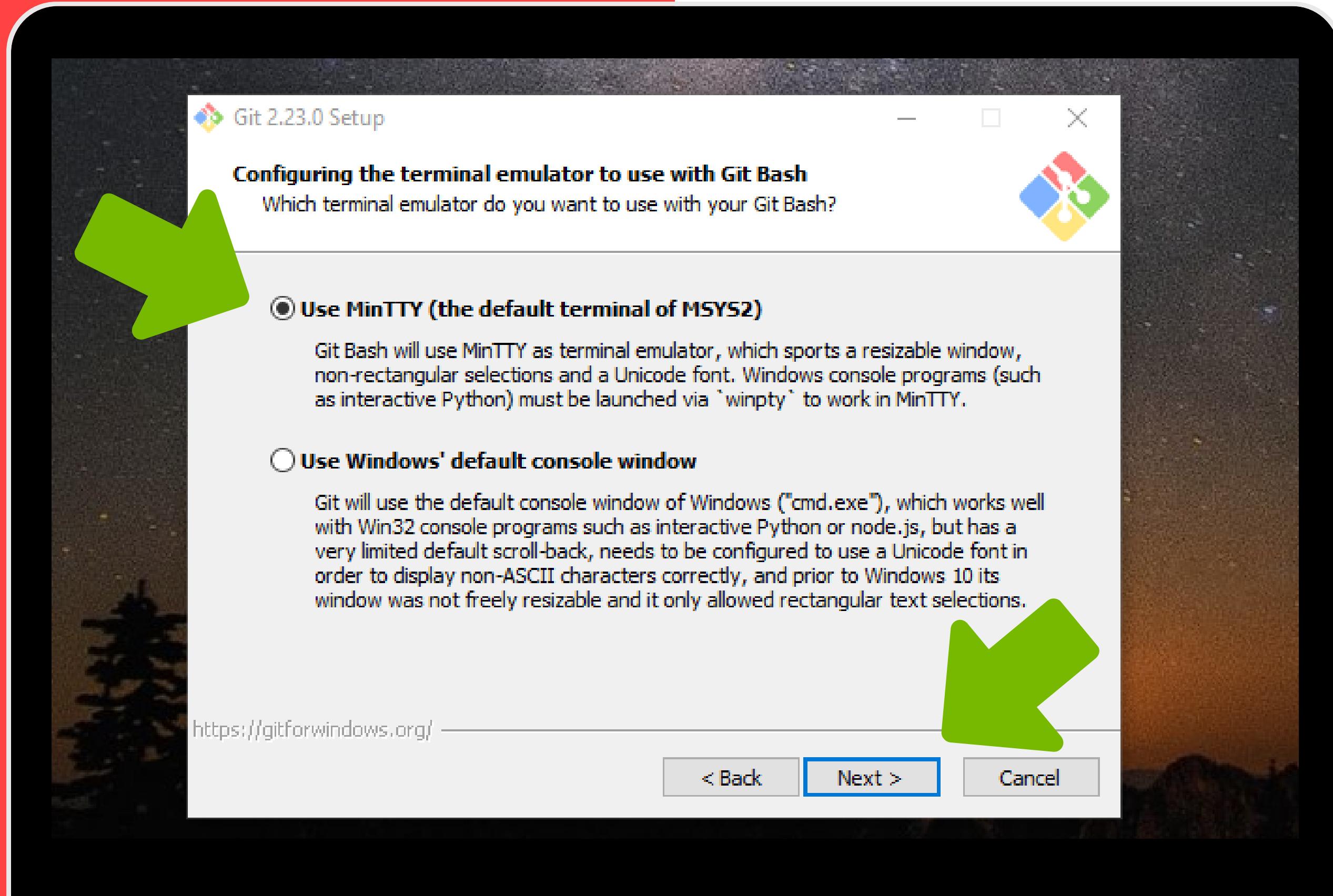
Selecione as opções



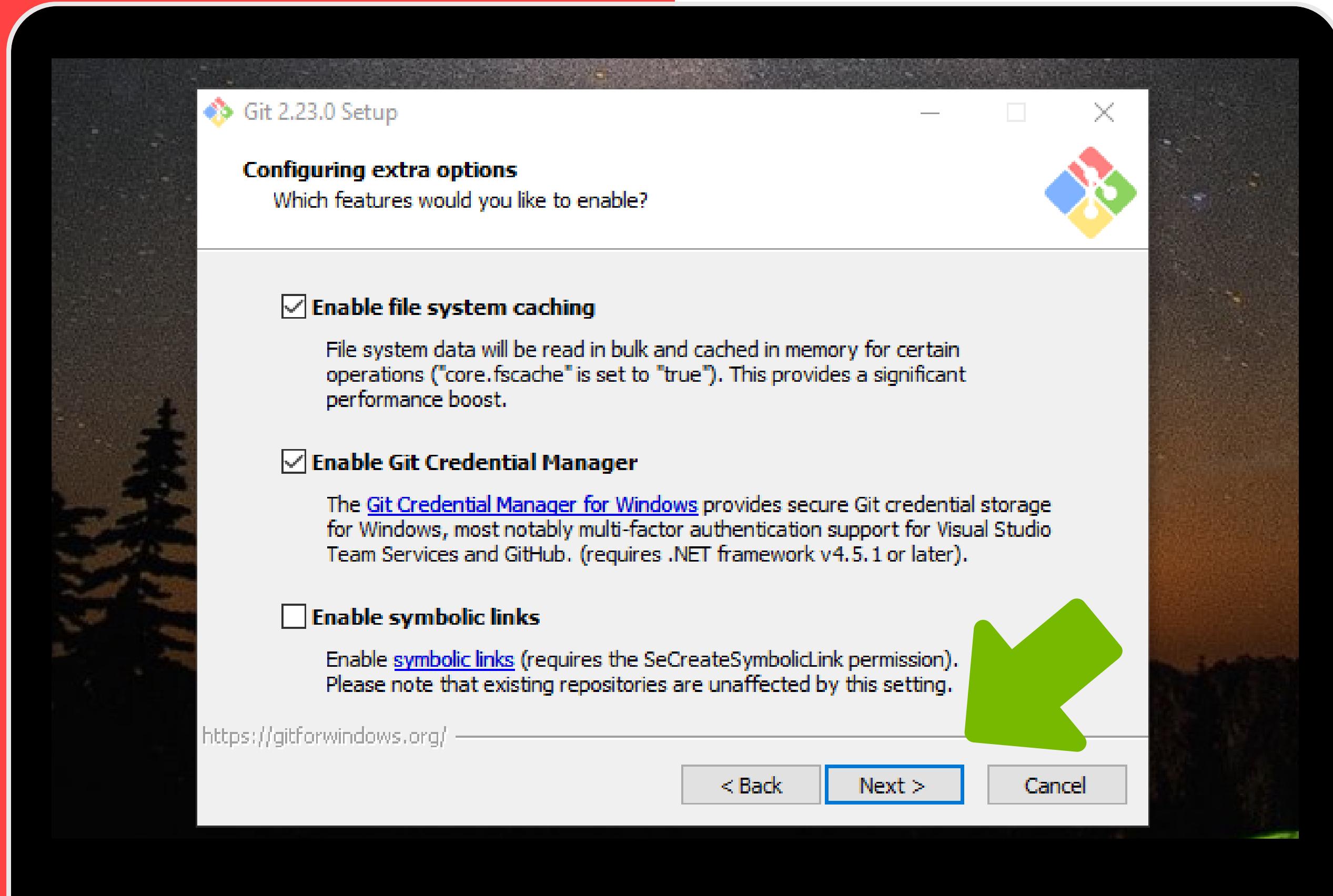
Selecione as opções



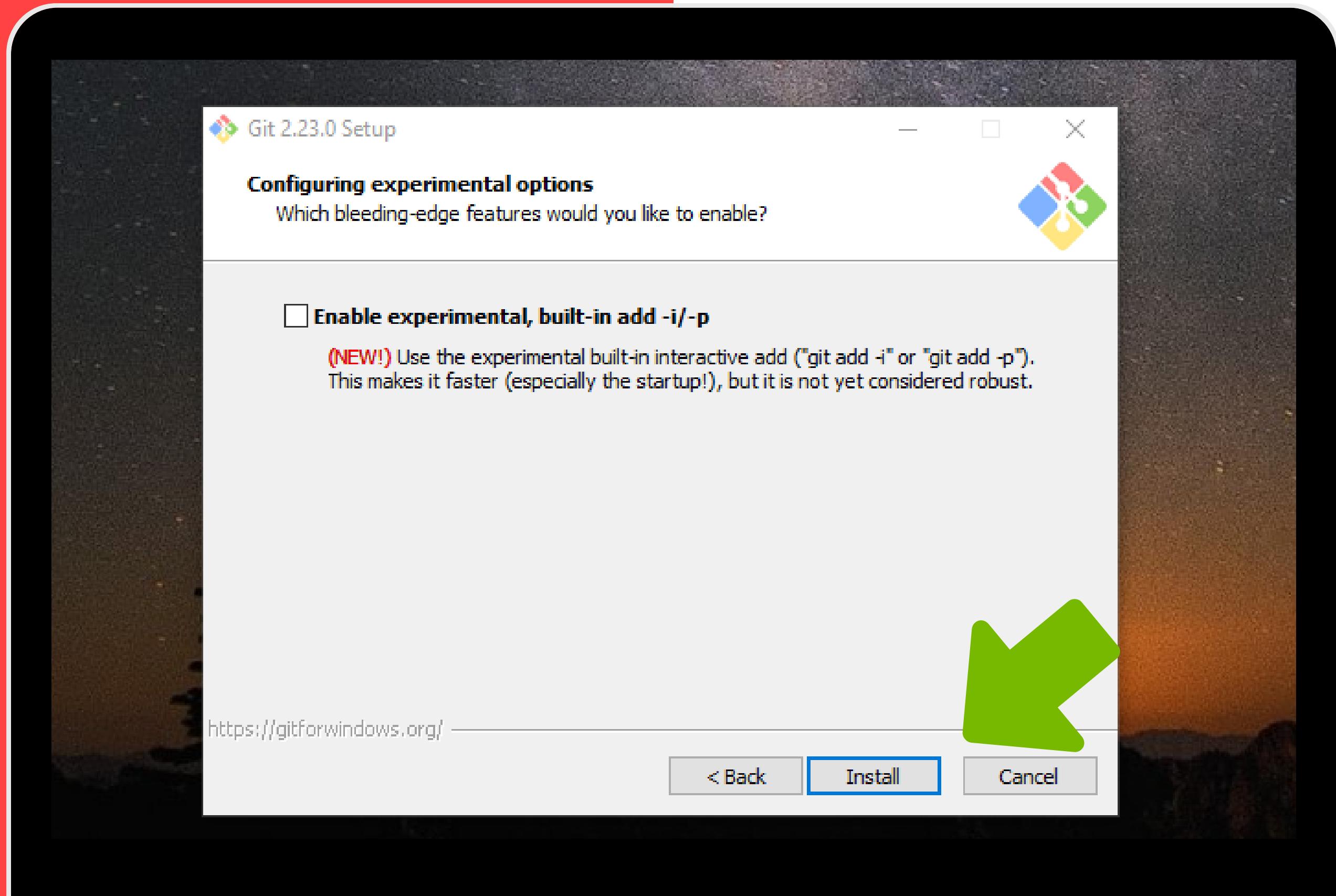
Selecione as opções



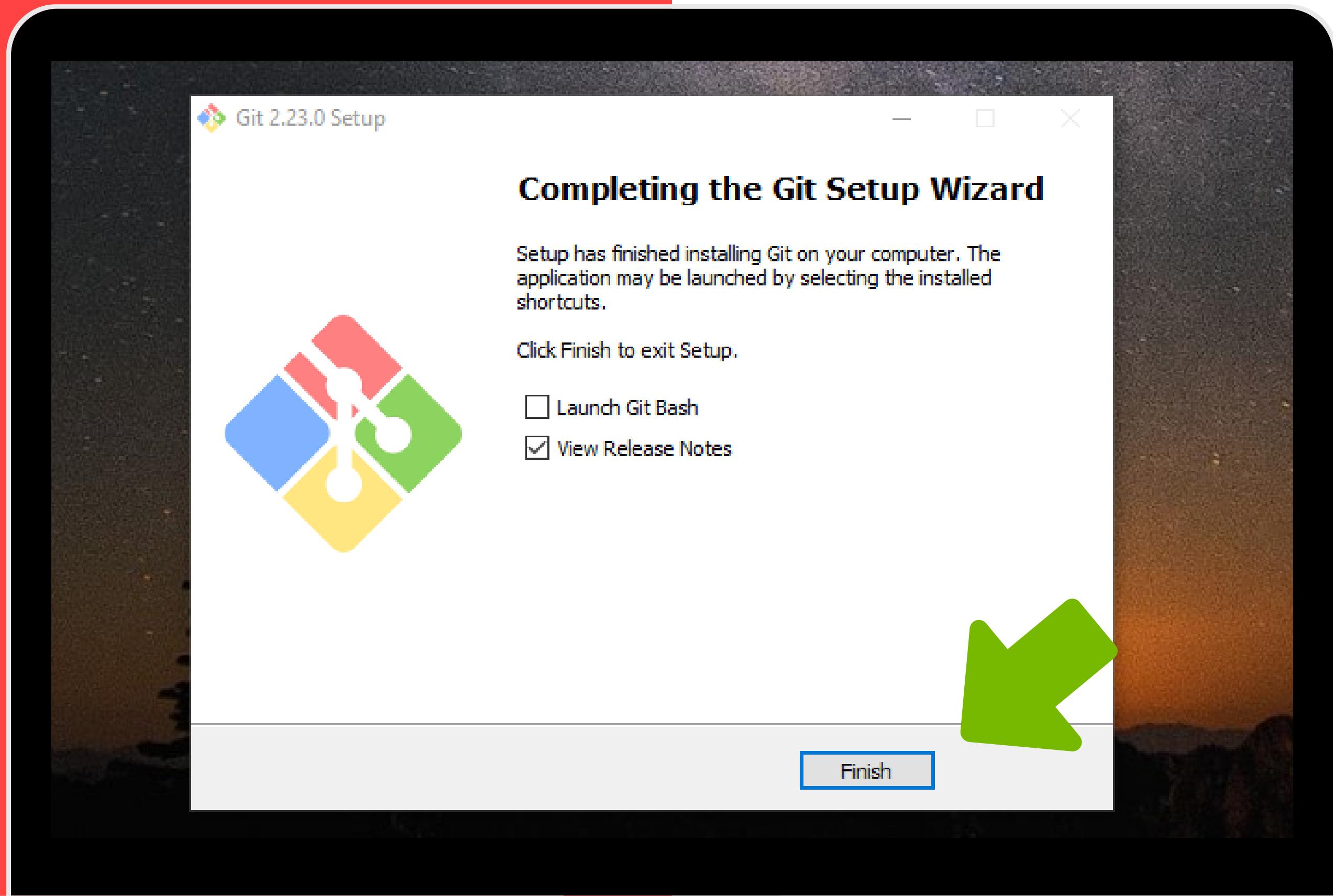
Selecione as opções



Clique em 'install'



Clique em 'Finish'

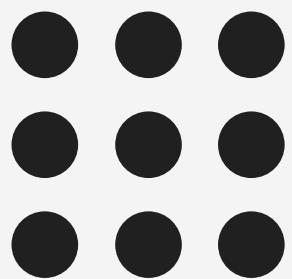


O que é GitHub?

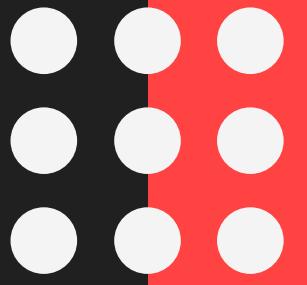


GitHub

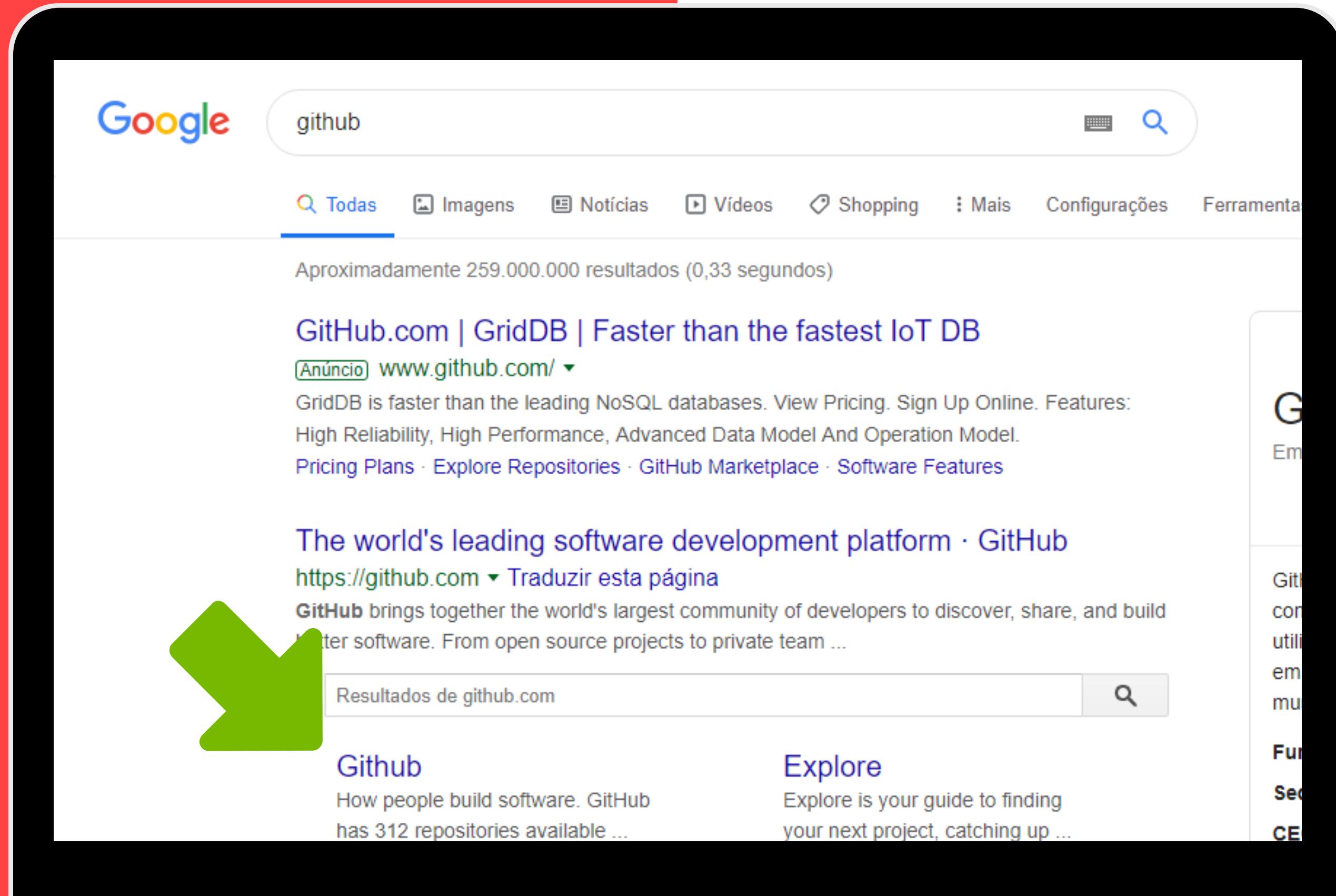
É uma plataforma que utiliza o Git para salvar seus códigos online, de forma organizada e de fácil acesso, já que está online.



Criando sua conta no GitHub.



Acesse: <https://github.com>



Google

github

Todas Imagens Notícias Vídeos Shopping Mais Configurações Ferramentas

Aproximadamente 259.000.000 resultados (0,33 segundos)

[GitHub.com | GridDB | Faster than the fastest IoT DB](#)
Anúncio www.github.com/

GridDB is faster than the leading NoSQL databases. View Pricing. Sign Up Online. Features:
High Reliability, High Performance, Advanced Data Model And Operation Model.
[Pricing Plans](#) · [Explore Repositories](#) · [GitHub Marketplace](#) · [Software Features](#)

[The world's leading software development platform · GitHub](#)
<https://github.com> ▾ [Traduzir esta página](#)

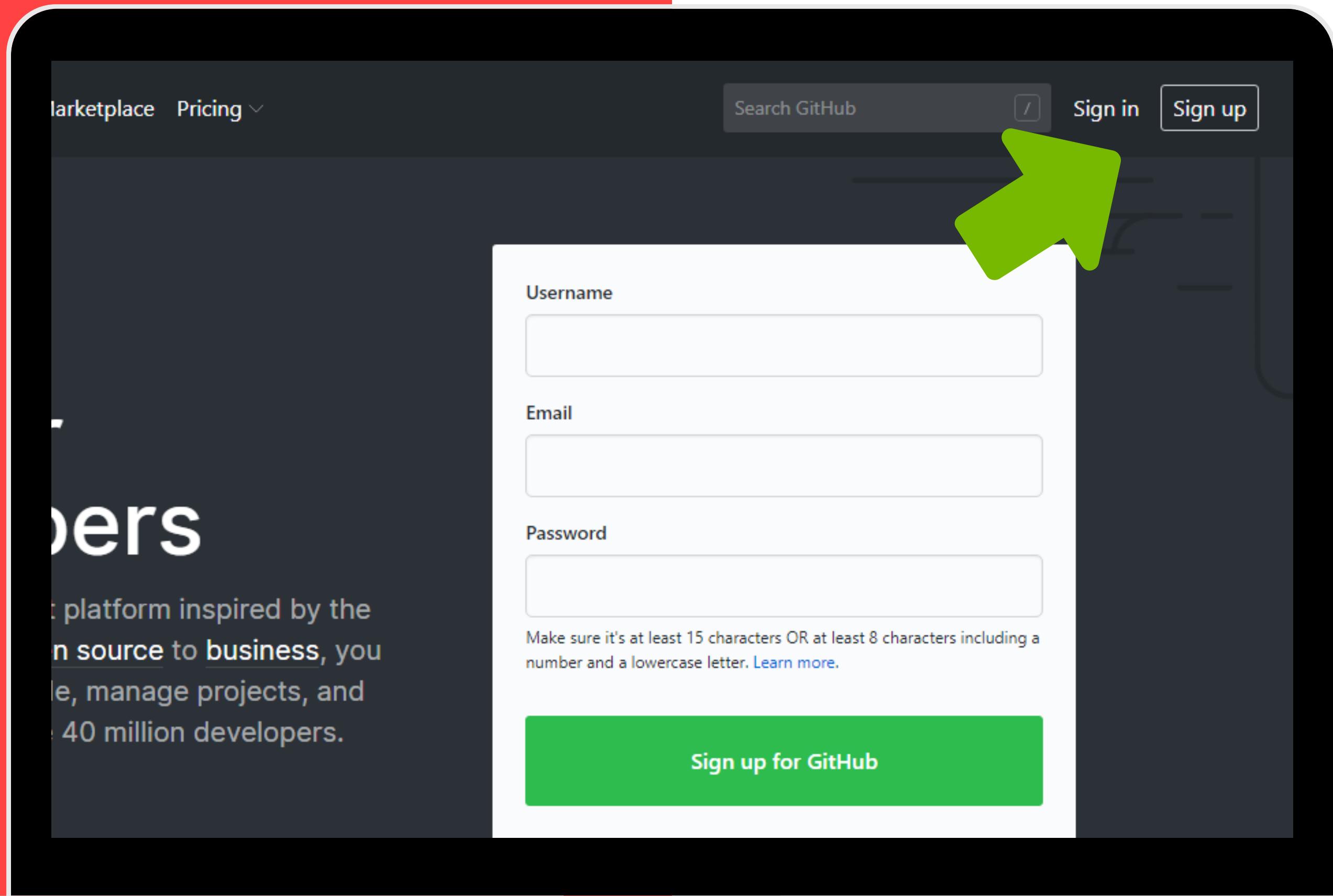
GitHub brings together the world's largest community of developers to discover, share, and build better software. From open source projects to private team ...

Resultados de [github.com](#)

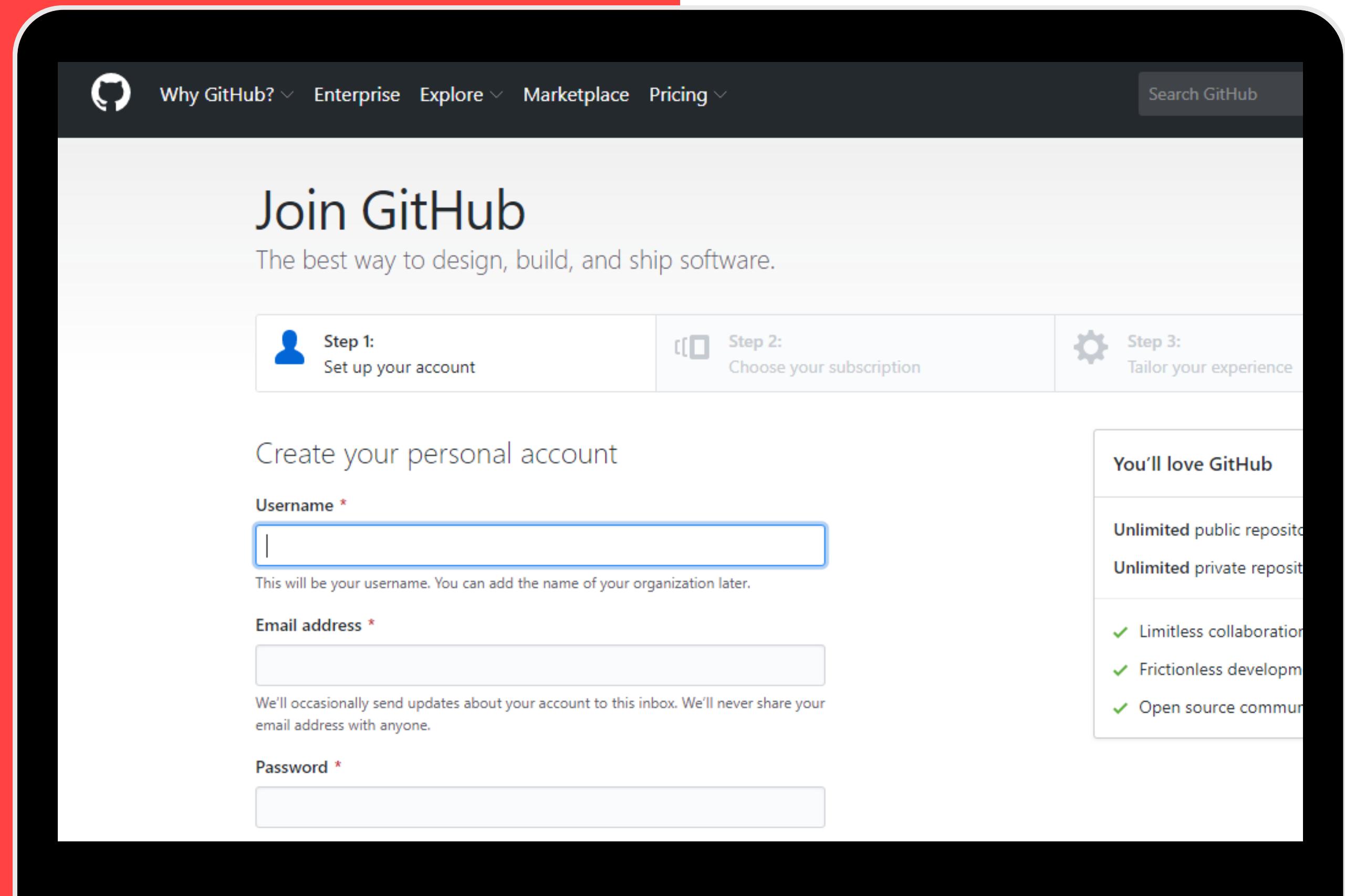
Github
How people build software. GitHub has 312 repositories available ...

Explore
Explore is your guide to finding your next project, catching up ...

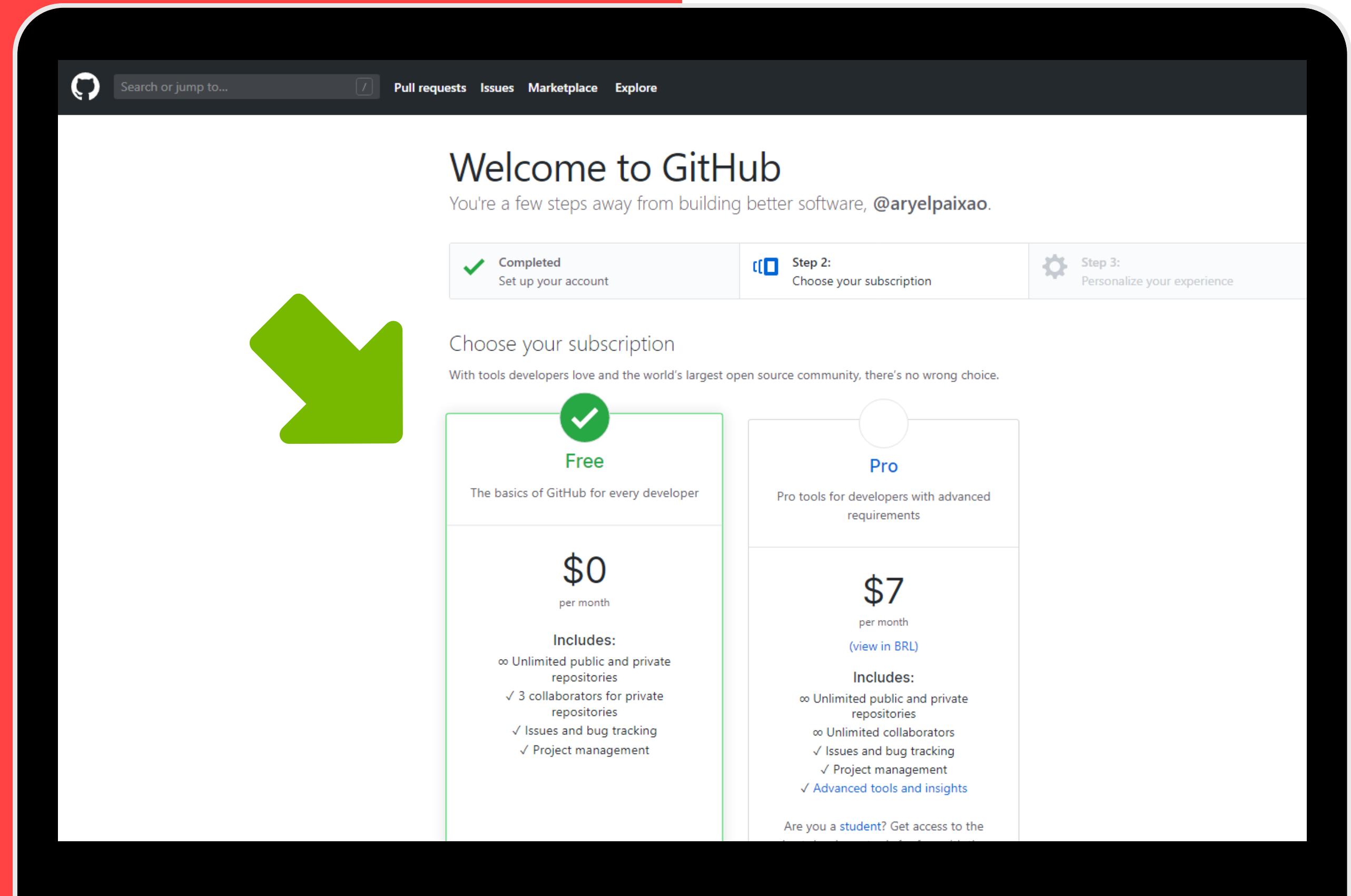
Clique em 'Sign Up'



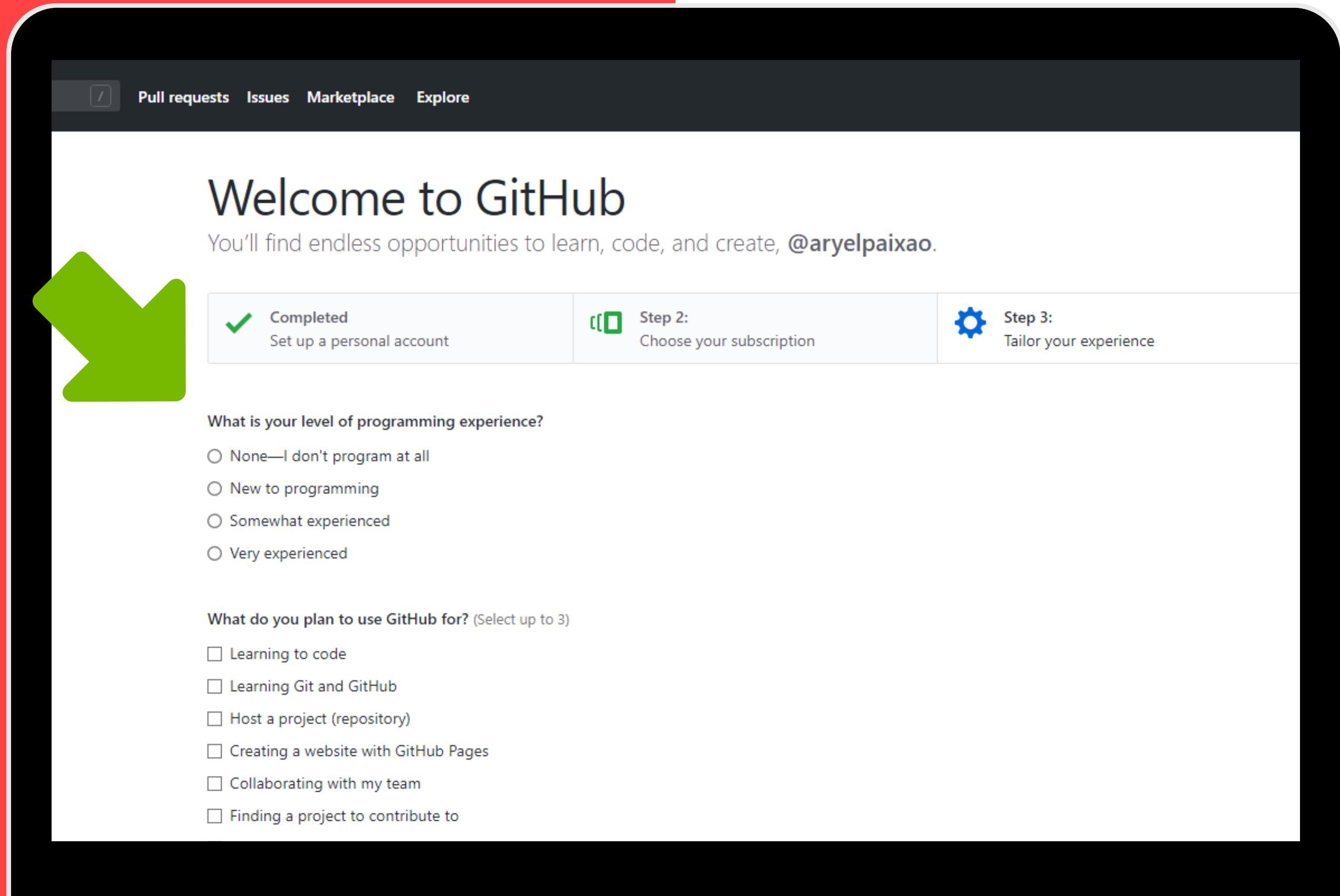
Preencha os campos e confirme



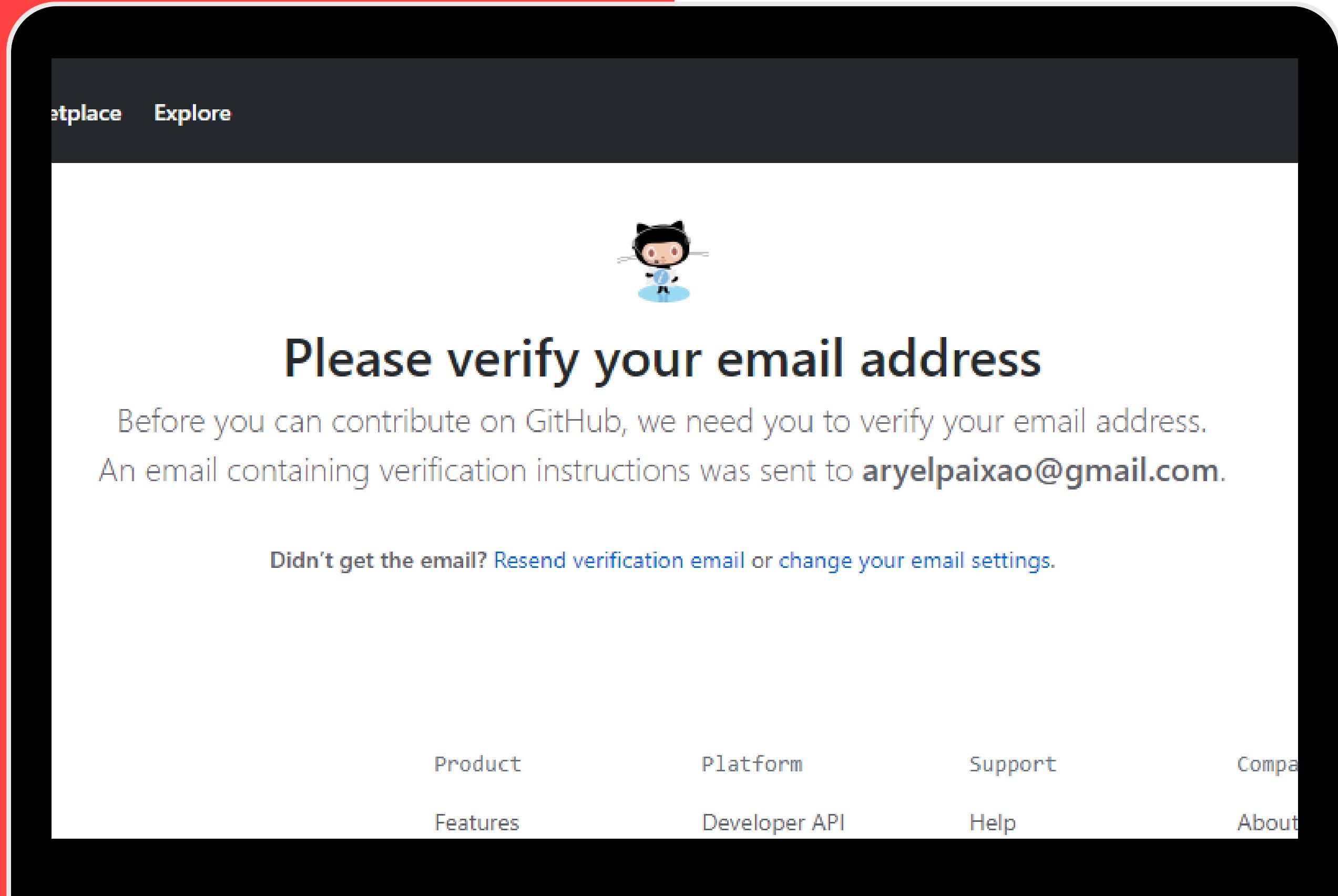
Seleccione 'Free' e confirme



Responda o questionário e confirme



Verifique seu e-mail.



The image shows a smartphone displaying a GitHub verification email. The phone has a black frame and a white body. The screen shows the GitHub logo at the top left and a navigation bar with 'place' and 'Explore' buttons. In the center, there's a GitHub octocat icon, followed by the text 'Please verify your email address'. Below this, it says 'Before you can contribute on GitHub, we need you to verify your email address.' and 'An email containing verification instructions was sent to aryelpaixao@gmail.com'. At the bottom, there's a link 'Didn't get the email? Resend verification email or change your email settings.' The phone is set against a red background with a white diagonal striped pattern on the left side.

Please verify your email address

Before you can contribute on GitHub, we need you to verify your email address.

An email containing verification instructions was sent to aryelpaixao@gmail.com.

Didn't get the email? [Resend verification email](#) or [change your email settings](#).

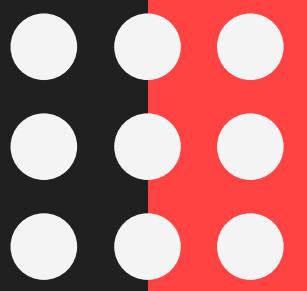
Product
Features

Platform
Developer API

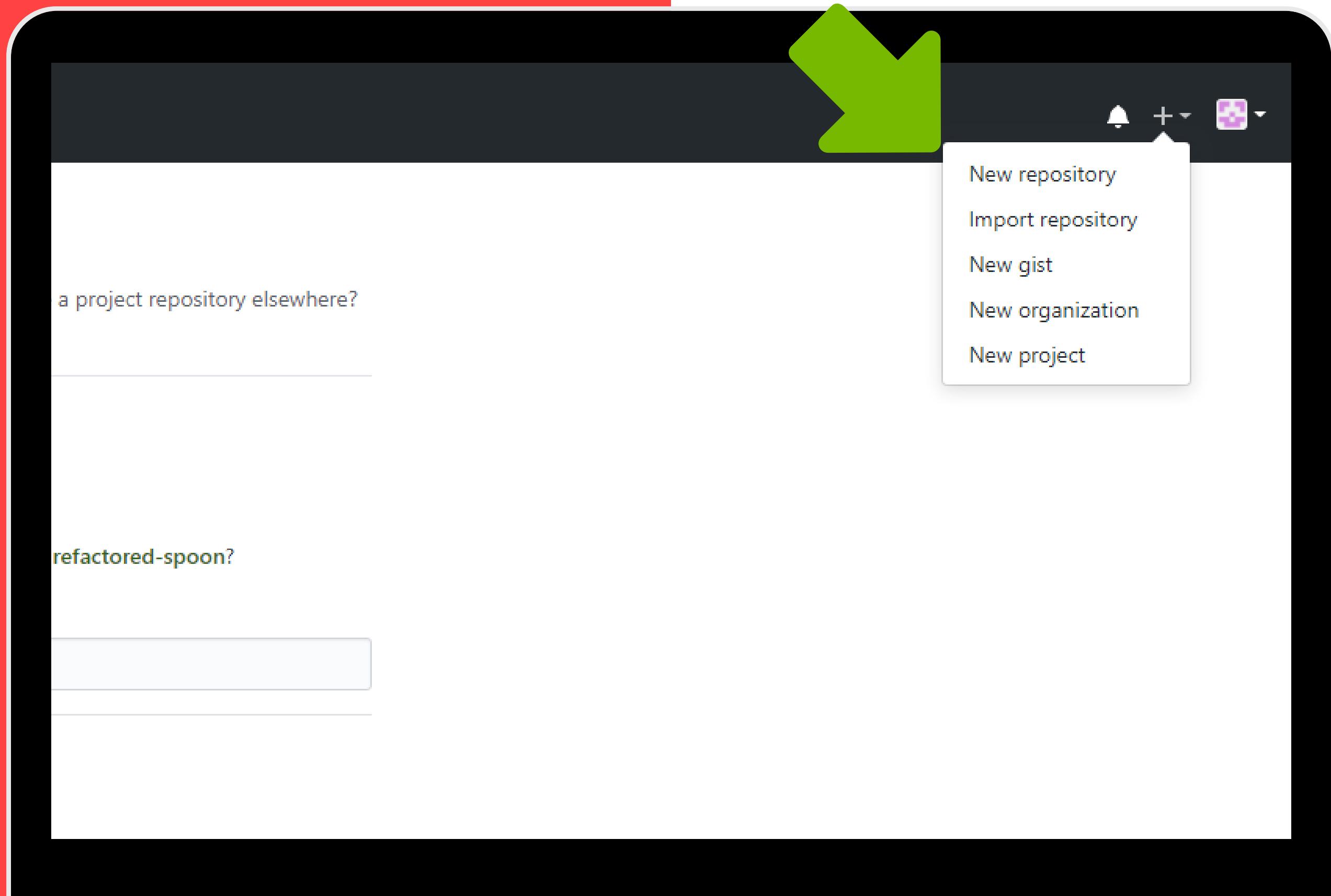
Support
Help

Compa
About

Criando seu primeiro repositório



Logado em sua conta, clique em...



Preencha os campos

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner / Repository name * 

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

Description (optional)
Descrição da aula.

 Public
Anyone can see this repository. You choose who can commit.

 Private
You choose who can see and commit to this repository.

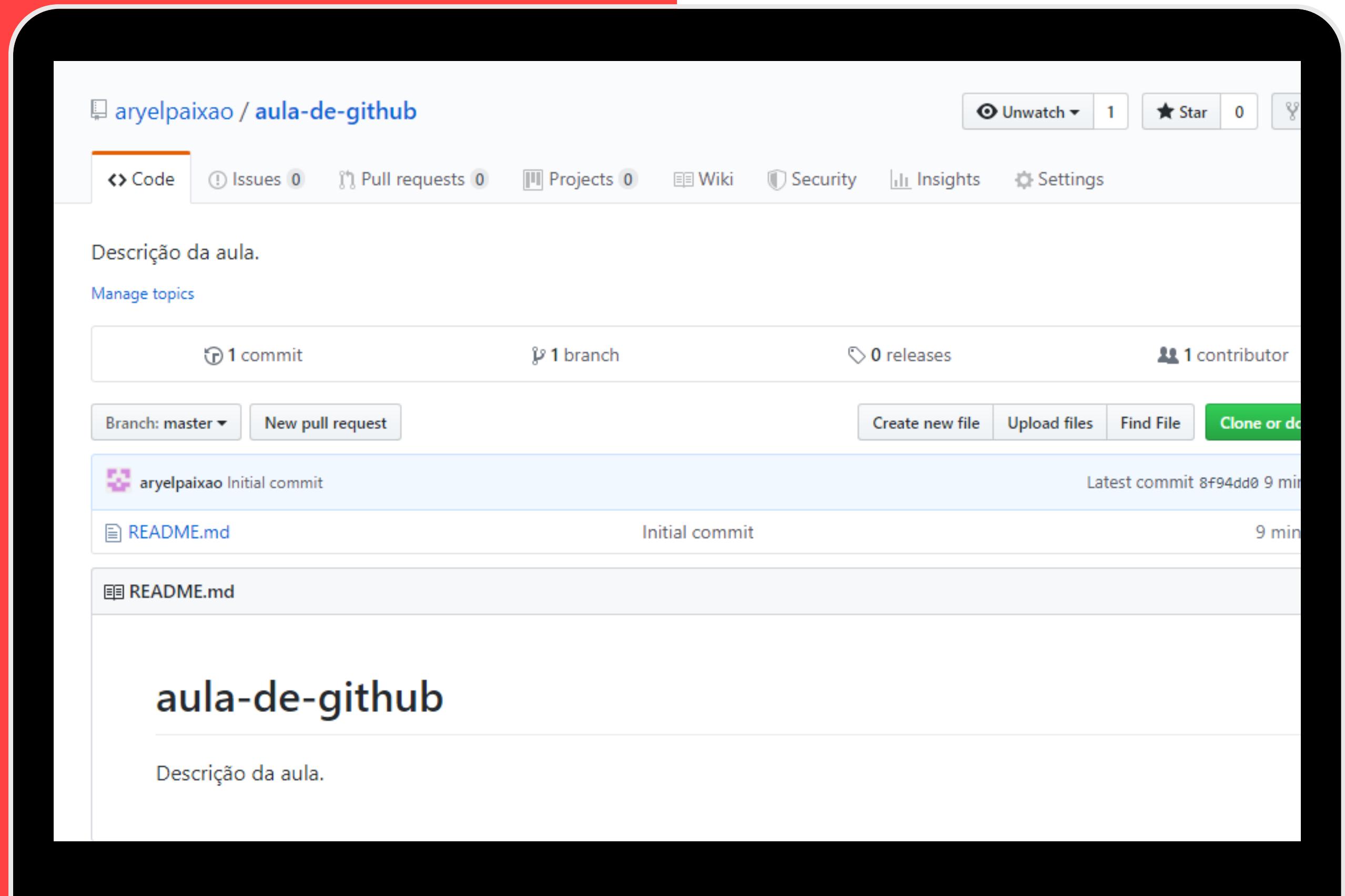
Skip this step if you're importing an existing repository.

Initialize this repository with a README 
This will let you immediately clone the repository to your computer.

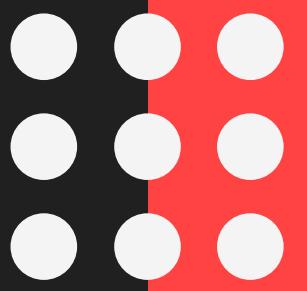
Add .gitignore: None  Add a license: None  

Create repository

Repositório criado com sucesso



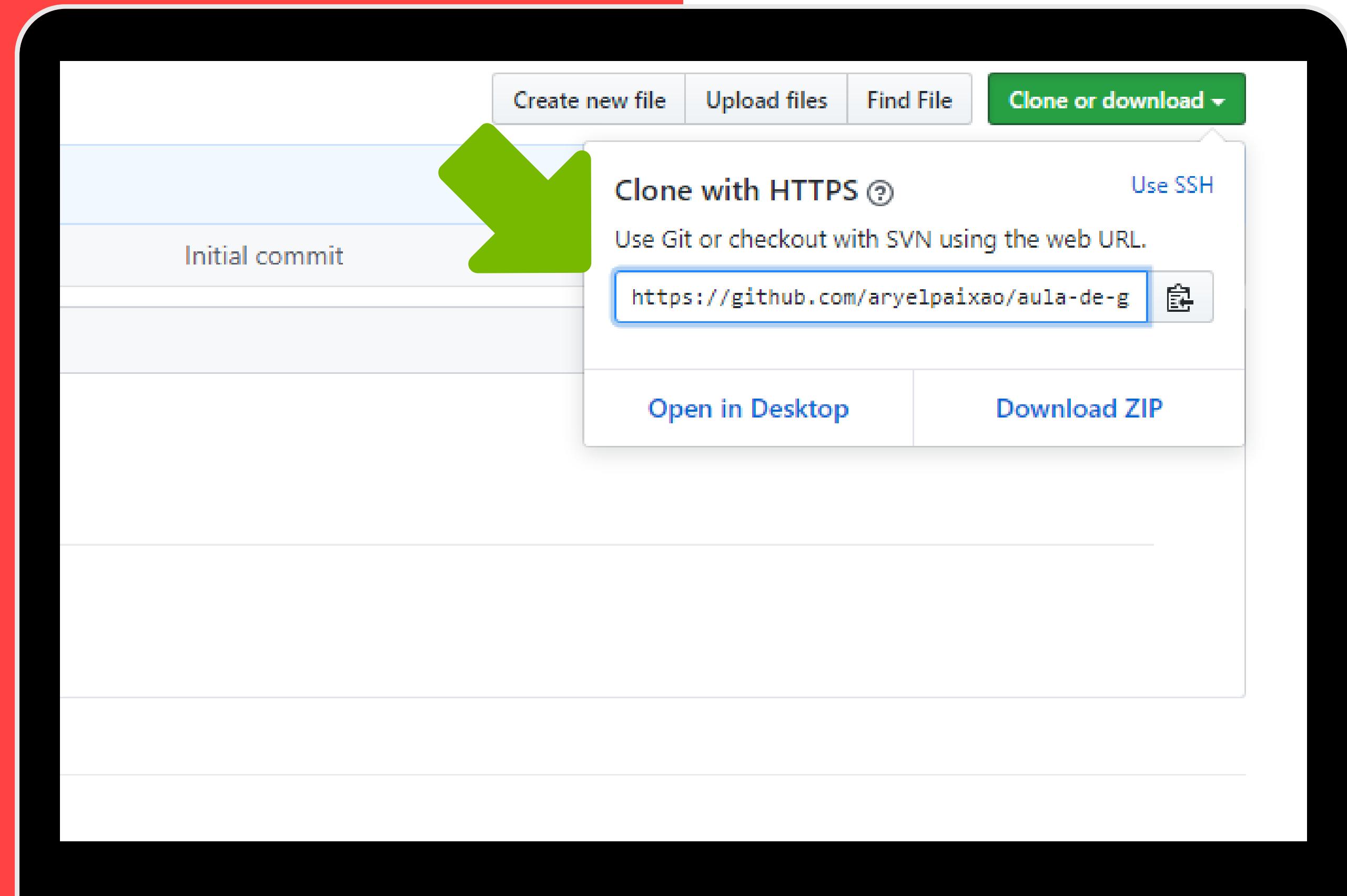
Como utilizar o Git



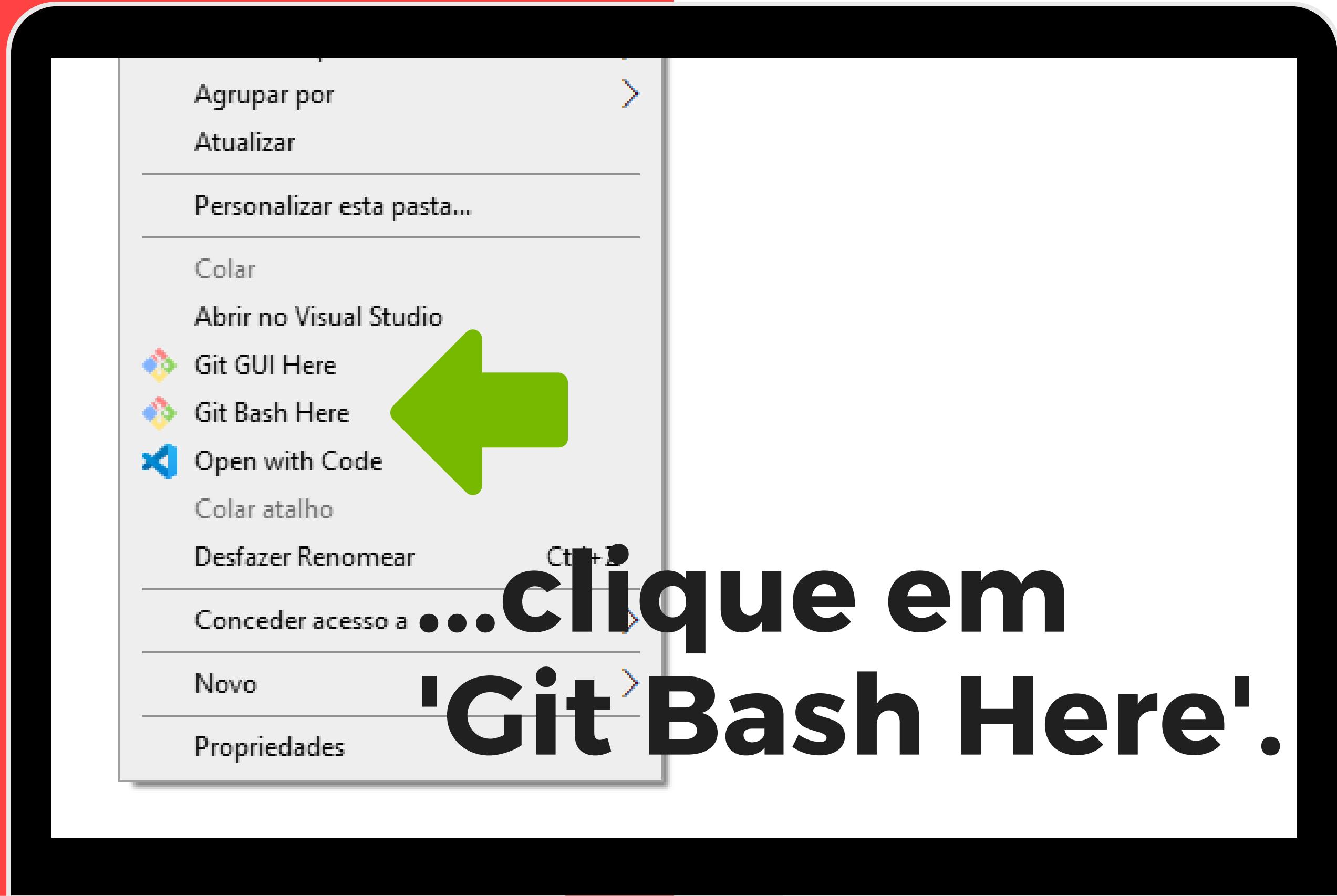
Entre em seu repositório...



Copie o link do repositório



Botão direito em uma pasta...



Utilize 'git clone <link>'...



```
MINGW64:/c/Users/Sexta-Feira/Desktop/Meus repositórios
Sexta-Feira@DESKTOP-5QTSPF9 MINGW64 ~/Desktop/Meus repositórios
$ git clone https://github.com/aryelpaixao/aula-de-github.git
```

...para clonar seu repositório na pasta selecionada.

**Feche a janela do Git
Bash e abra-a
novamente na pasta que
acabou de ser clonada.**



Comandos do Git

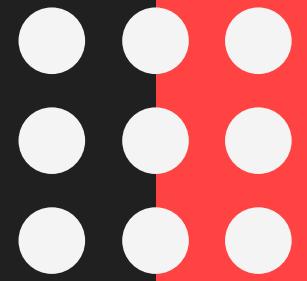
git clone <link-do-repositorio>

git add <arquivo-a-ser-adicionado-ao-rascunho>

git commit -m "<mensagem>"

git push origin master

git pull



`git clone <link>`

**Clona o repositório do GitHub
para uma pasta no seu
computador, geralmente é o
primeiro comando a ser
executado, para que você possa
editá-los como quiser.**



`git add <arquivo>`

Adiciona um ou mais arquivos no rascunho, staging, estágio de preparação, para depois serem enviados para nuvem.



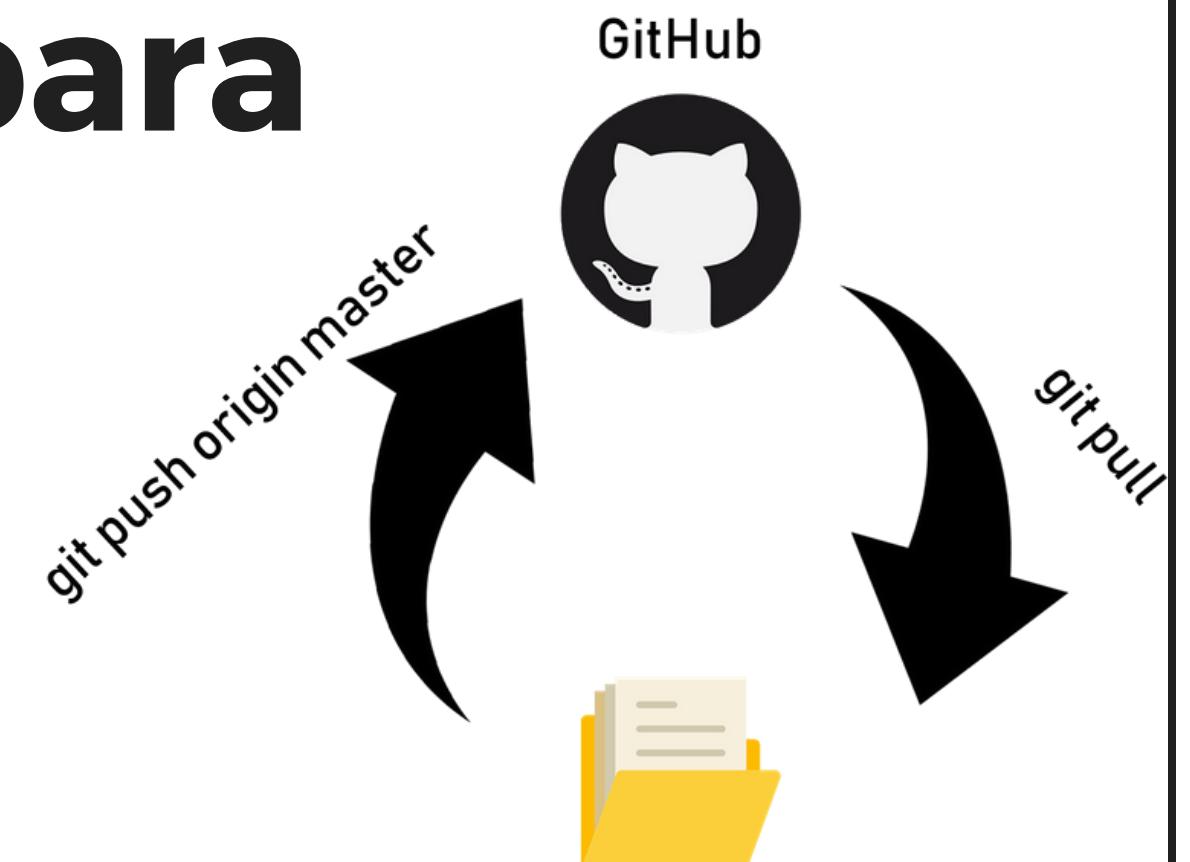
```
git commit -m "<mensagem>"
```

**Adiciona uma mensagem
aos arquivos que serão
enviados, para que você
lembre o que foi feito.**



`git push origin master`

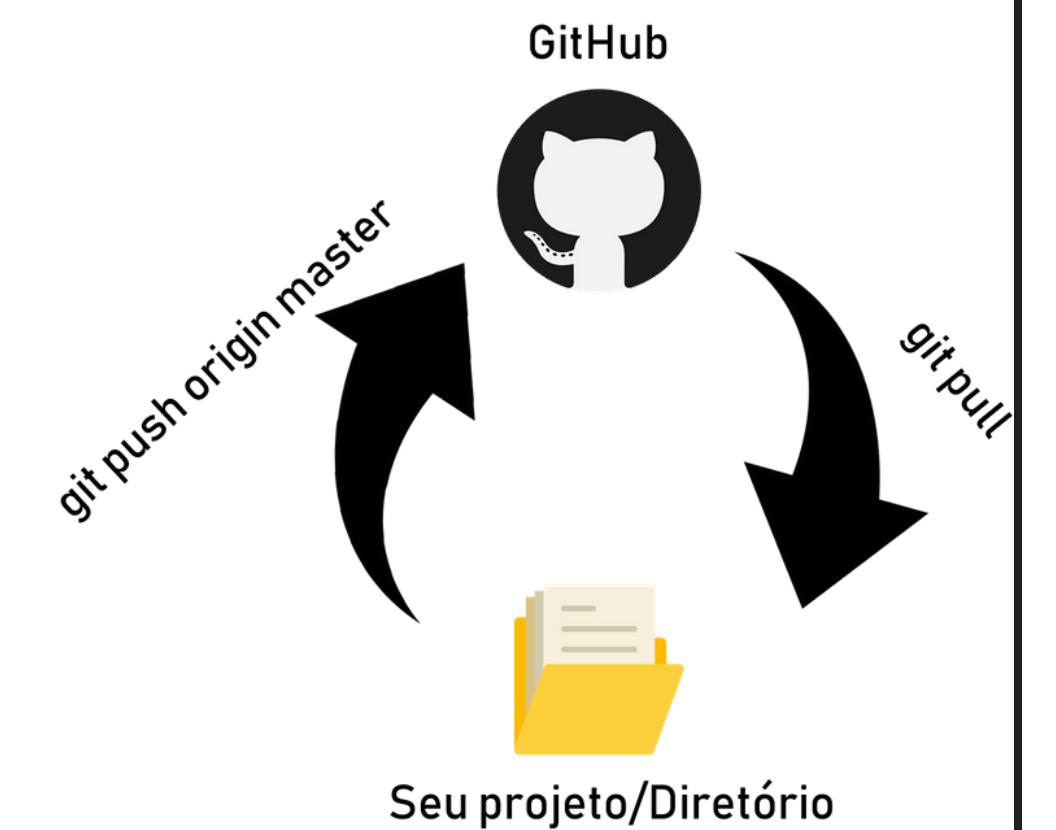
**Depois de dar "commit",
execute este comando para
enviar os arquivos para
nuvem.**



Seu projeto/Diretório

git pull

Utilizado para atualizar seu repositório local, caso alguma alteração tenha sido feita online.



BONS ESTUDOS!

ARIEL PAIXÃO

