



Git e GitLab

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O que é o git?



O que é o git?

- ✓ Sistema de controle de versão
- ✓ Permite controle distribuído de código
- ✓ Open Source
- ✓ Utilizado por toda a indústria

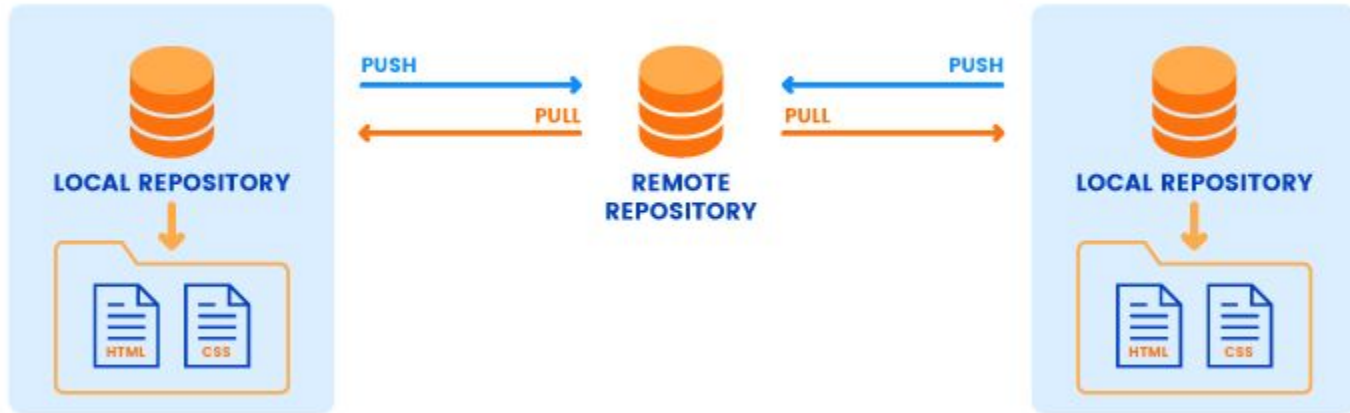


Concorrentes

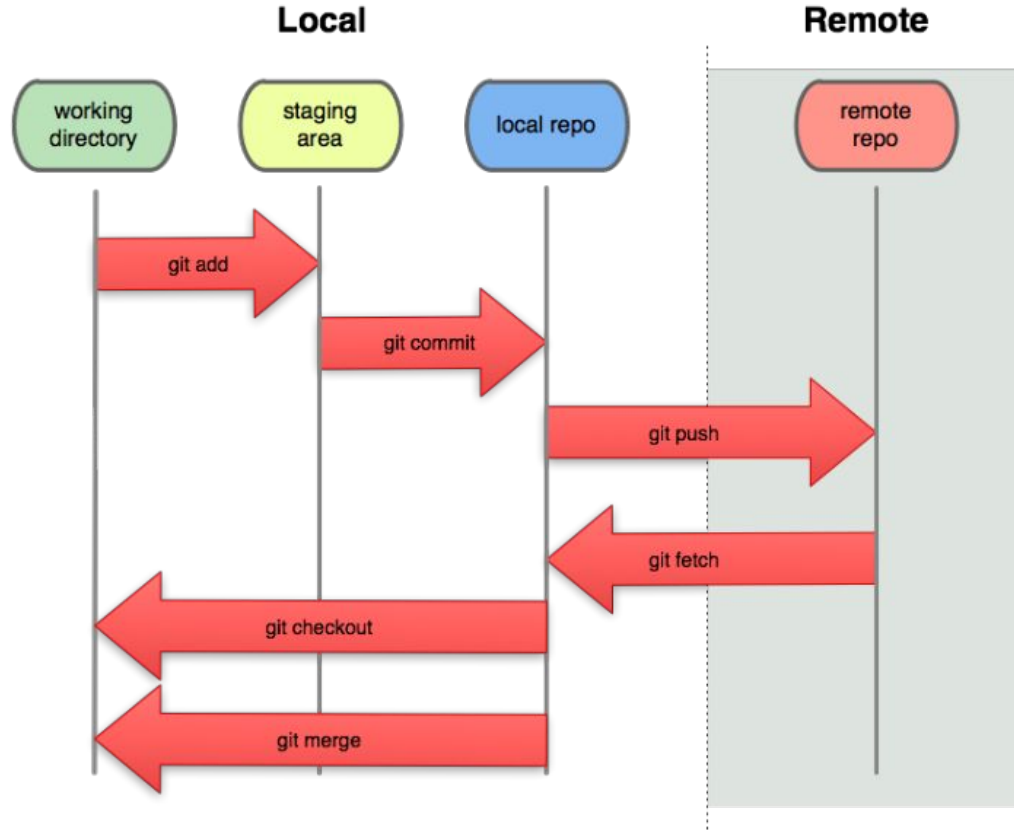


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Múltiplos Repositórios



Múltiplos Repositórios



E o que é o GitLab?



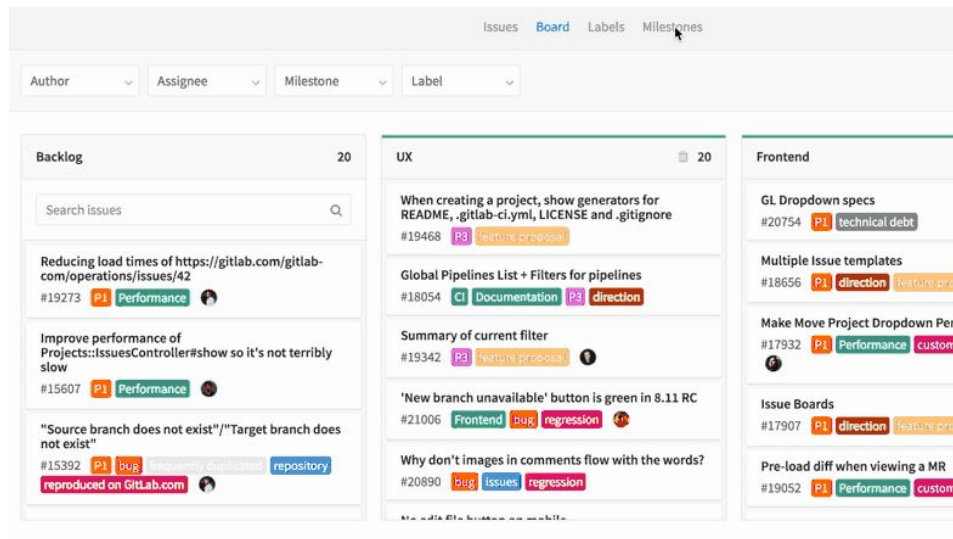
O que é o GitLab?

✓ Host e Gerenciador gratuito de repositórios Git

✓ Rede social de projetos Open Source

✓ Gerenciador de tarefas do time

✓ Ferramenta nativa de CI/CD



Concorrentes



Como usar?



+



—

Comandos



```
$ git config --global user.name "Fulano da Silva"
```

```
$ git config --global user.email fulanodasilva.git@gmail.com
```

Usado para identificar o nome de usuário e o email que será utilizado na autenticação.

```
$ git init
```

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

Transforma o repositório atual em um repositório Git

Comandos



\$ git status

```
C:\Users\mateu\Desktop\git_test>echo "Olá" > newfile.txt
C:\Users\mateu\Desktop\git_test>git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    newfile.txt

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

Mostra a situação dos arquivos no repositório.

Comandos



\$ git add . ou \$ git add caminho_do_arquivo

Usado para adicionar arquivos na área de staging. O arquivo começa a ser rastreado pelo git, mas ainda não se encontra no repositório local

```
C:\Users\mateu\Desktop\git_test>git add newfile.txt
C:\Users\mateu\Desktop\git_test>git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)

        new file:   newfile.txt

C:\Users\mateu\Desktop\git_test>
```

Comandos



\$ git commit -m "Mensagem do commit"

Cria um novo commit no repositório local com a mensagem desejada.

```
C:\Users\mateu\Desktop\git_test>git commit -m "Adicionando newfile.txt"
[master (root-commit) 5f2e86b] Adicionando newfile.txt
1 file changed, 1 insertion(+)
 create mode 100644 newfile.txt
```

Criando um repositório remoto

New project

A project is where you house your files (repository), plan your work (issues), and publish your documentation (wiki), [among other things](#).

All features are enabled for blank projects, from templates, or when importing, but you can disable them afterward in the project settings.

To only use CI/CD features for an external repository, choose **CI/CD for external repo**.

Information about additional Pages templates and how to install them can be found in our [Pages getting started guide](#).

Tip: You can also create a project from the command line. [Show command](#)


Blank project	Create from template	Import project	CI/CD for external repo
Project name <input type="text" value="teste-git"/>			
Project URL <input type="text" value="https://gitlab.com/mvalgueiro/"/>		Project slug <input type="text" value="teste-git"/>	
Want to house several dependent projects under the same namespace? Create a group .			
Project description (optional) <div>Description format</div>			
Visibility Level ⓘ			
<input checked="" type="radio"/> Private Project access must be granted explicitly to each user.			
<input type="radio"/> Public The project can be accessed without any authentication.			
<input type="checkbox"/> Initialize repository with a README Allows you to immediately clone this project's repository. Skip this if you plan to push up an existing repository.			
<input type="button" value="Create project"/>			<input type="button" value="Cancel"/>


Criando um repositório remoto

Mateus Valgueiro > teste-git > Details


Project 'teste-git' was successfully created.


T

teste-git 
Project ID: 14152007

 ⌵


☆ Star 0


Clone ⌵ 


 Add license


The repository for this project is empty

You can create files directly in GitLab using one of the following options.

 New file

 Add README

 Add CHANGELOG

 Add CONTRIBUTING

Command line instructions

You can also upload existing files from your computer using the instructions below.

Git global setup

```
git config --global user.name "Mateus Valgueiro"
git config --global user.email "mvt@cesar.org.br"
```

Create a new repository

```
git clone https://gitlab.com/mvalgueiro/teste-git.git
cd teste-git
touch README.md
git add README.md
git commit -m "add README"
git push -u origin master
```

Push an existing folder

```
cd existing_folder
git init
git remote add origin https://gitlab.com/mvalgueiro/teste-git.git
git add .
git commit -m "Initial commit"
git push -u origin master
```


Comandos



\$ git remote add origin <link-do-repositório>

Adiciona o link entre o repositório remoto e o local. Só será necessário fazer isto uma vez.

\$ git push origin master

Envia todas as informações do repositório local para o repositório “origin” configurado.

```
C:\Users\mateu\Desktop\git_test>git push origin master
warning: redirecting to https://gitlab.com/mvalgueiro/teste-git.git/
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 227 bytes | 227.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://gitlab.com/mvalgueiro/teste-git
 * [new branch]      master -> master
```

Comandos



```
$ git clone <link-do-repositório>
```

Baixa os arquivos do repositório em uma pasta local

```
$ git diff
```

Mostra as diferenças entre os arquivos modificados do diretório local e do repositório local

Comandos



```
$ git config --global user.name "Fulano da Silva"
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```
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```

Usado para identificar o nome de usuário e o email que será utilizado na autenticação.

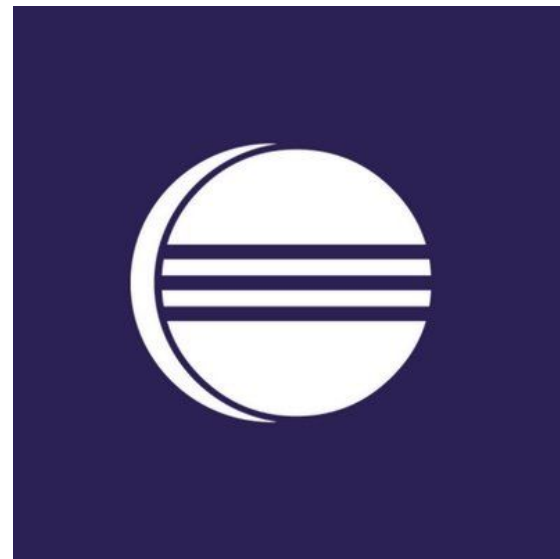
Ferramentas



GitKraken



Source tree



IDE's

File Edit View Repository Actions Tools Help

treina-recifev2

Commit Pull Push Fetch Branch Merge Stash Discard Tag

Git-flow Remote Terminal Explorer Settings

FILE STATUS

Working Copy

BRANCHES

gh-pages

master

TAGS

REMOVES

STASHES

All Branches

Show Remote Branches

Date Order

Graph

Update nuxt for uollhost

Update our-space

Add banners endpoint on slider

Add description to courses

add my github link and some minor adjust on style

Remove contact-form unused variables

Remove unuse variables

Adjust modal and make it DDAU

Add nuxt-link to navbar

Get course detail by slug

remove unnecessary text

Pending files, sorted by file status

components/contact/tr-contact-form.vue

Commit: ab1e3c201c4eeb68eb769ab26e5600a6c1909b88 [ab1e3c2]

Parents: 1ef5158ca9

Author: Mateus Valgueiro <mvalgueiro@apple.com>

Date: Thursday, 18 July, 2019 2:44:02 PM

Committer: Mateus Valgueiro

Remove contact-form unused variables

Hunk 1: Lines 41-48

Reverse hunk

41 41 form: {

42 42 email: "",

43 43 name: "",

44 44 - food: null,

45 45 - checked: []

46 46 + telephone: "",

47 47 + doubt: ""

48 48 },

49 49 show: true

50 50 };

Hunk 2: Lines 57-64

Reverse hunk

57 57 // Reset our form values

58 58 this.form.email = "";

59 59 this.form.name = "";

60 60 - this.form.food = null;

61 61 - this.form.checked = [];

62 62 + this.form.telephone = "";

63 63 + this.form.doubt = "";

64 64 // Trick to reset/clear native browser form validation state

65 65 this.show = false;

66 66 this.\$nextTick(() => {

File Status

Log / History

Search

Tópicos finais



- Stash
- Pull Requests e Code Review
- Git Blame
- HubFlow