



crescere

Git e Github

Lucas Soares

## Agenda 24/05 - 27/05

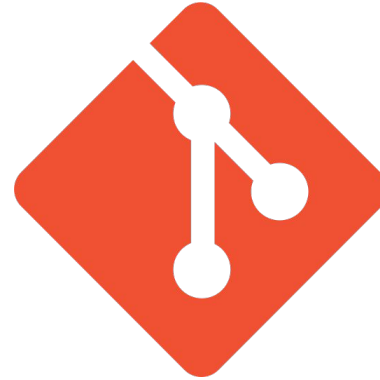
Segunda	Terça	Quarta	Quinta
Revisão de Git e Github	Git e Github Intermediário I	Git e Github Intermediário II	Github Avançado

## Agenda 31/05 - 03/06

Segunda	Terça	Quarta	Quinta
ReactJS	ReactJS	ReactJS	<b>Feriado</b>

# Git

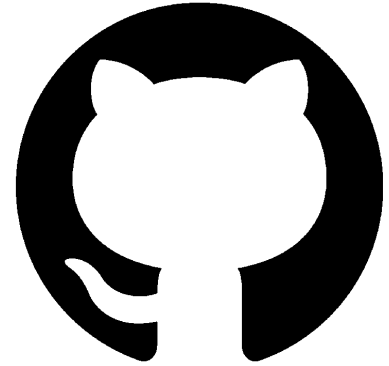
- Criado por Linus
- Gerenciamento de versão
- Diferente de GitHub
- Não depende do GitHub



git

# Github

- Repositório remoto
- Diferente do Git
- Mais utilizado atualmente
- Comprado pela Microsoft recentemente



# GIT

- Através de um controle de mudanças nos arquivos versionados pelo sistema **GIT**.
- É possível encontrar as diferenças e outras informações.



# GIT

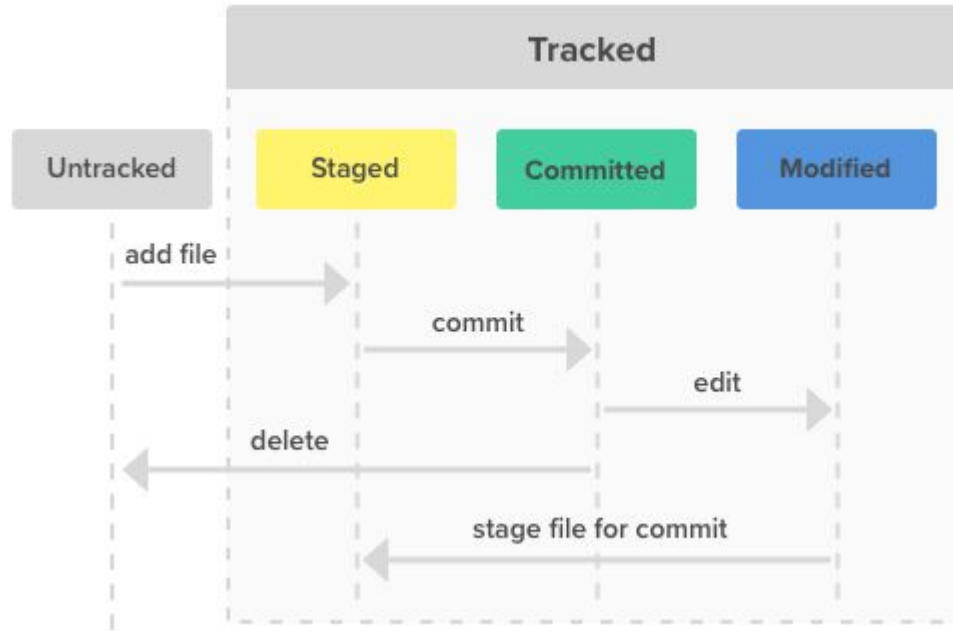
## Interface

Aplicações que disponibilizam um ambiente gráfico para uso do GIT

## Terminal

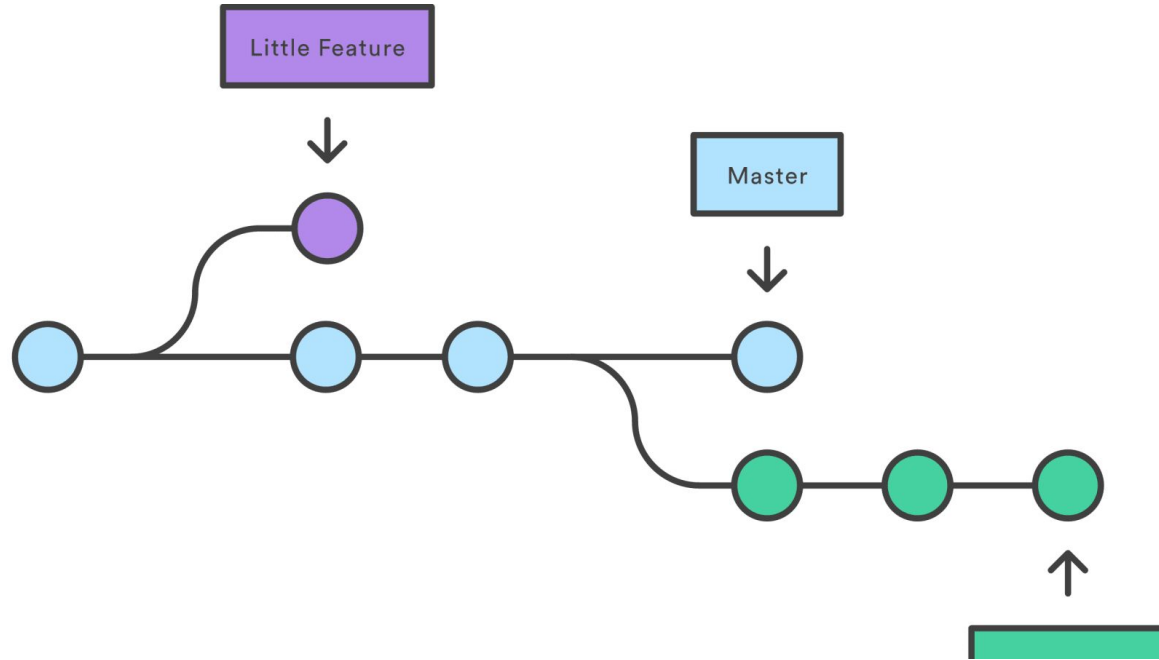
Aplicação que disponibiliza comandos para uso do GIT

# GIT





# GIT



# GIT

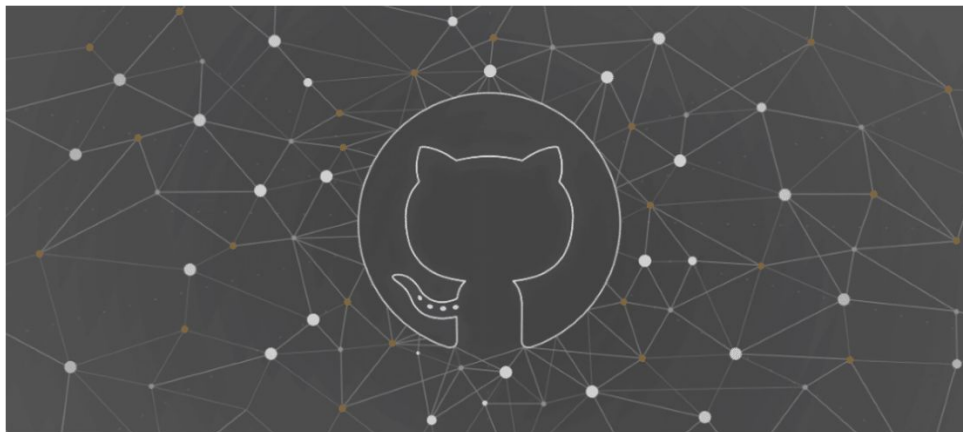
NOTÍCIAS

## GitHub substituirá 'master' por 'main' a partir do próximo mês

Todos os novos repositórios Git no GitHub serão chamados de "principal" em vez de "mestre" a partir de 1º de outubro de 2020.



Por Clayson Martins 20/09/2020, 16:30



O suposto código-fonte vazou por meio de um commit na seção DMCA do GitHub.

# GIT

## In case of fire



1. git commit



2. git push



3. leave the building

## GitHub GIT CHEAT SHEET

Git is the free and open source distributed version control system that's responsible for everything GitHub related that happens locally on your computer. This cheat sheet features the most important and commonly used Git commands for easy reference.

### INSTALLATION & GUIs

With platform specific installers for Git, GitHub also provides the ease of staying up-to-date with the latest releases of the command line tool while providing a graphical user interface for day-to-day interaction, review, and repository synchronization.

#### GitHub for Windows

<https://windows.github.com>

#### GitHub for Mac

<https://mac.github.com>

For Linux and Solaris platforms, the latest release is available on the official Git web site.

#### Git for All Platforms

<http://git-scm.com>

### SETUP

Configuring user information used across all local repositories

```
git config --global user.name "[firstname lastname]"
```

set a name that is identifiable for credit when review version history

```
git config --global user.email "[valid-email]"
```

set an email address that will be associated with each history marker

```
git config --global color.ui auto
```

set automatic command line coloring for Git for easy reviewing

### SETUP & INIT

Configuring user information, initializing and cloning repositories

### STAGE & SNAPSHOT

Working with snapshots and the Git staging area

#### git status

show modified files in working directory, staged for your next commit

#### git add [file]

add a file as it looks now to your next commit (stage)

#### git reset [file]

unstage a file while retaining the changes in working directory

#### git diff

diff of what is changed but not staged

#### git diff --staged

diff of what is staged but not yet committed

#### git commit -m "[descriptive message]"

commit your staged content as a new commit snapshot

### BRANCH & MERGE

Isolating work in branches, changing context, and integrating changes

#### git branch

list your branches. a \* will appear next to the currently active branch

#### git branch [branch-name]

create a new branch at the current commit

#### git checkout

switch to another branch and check it out into your working directory

## GIT

# In case of fire



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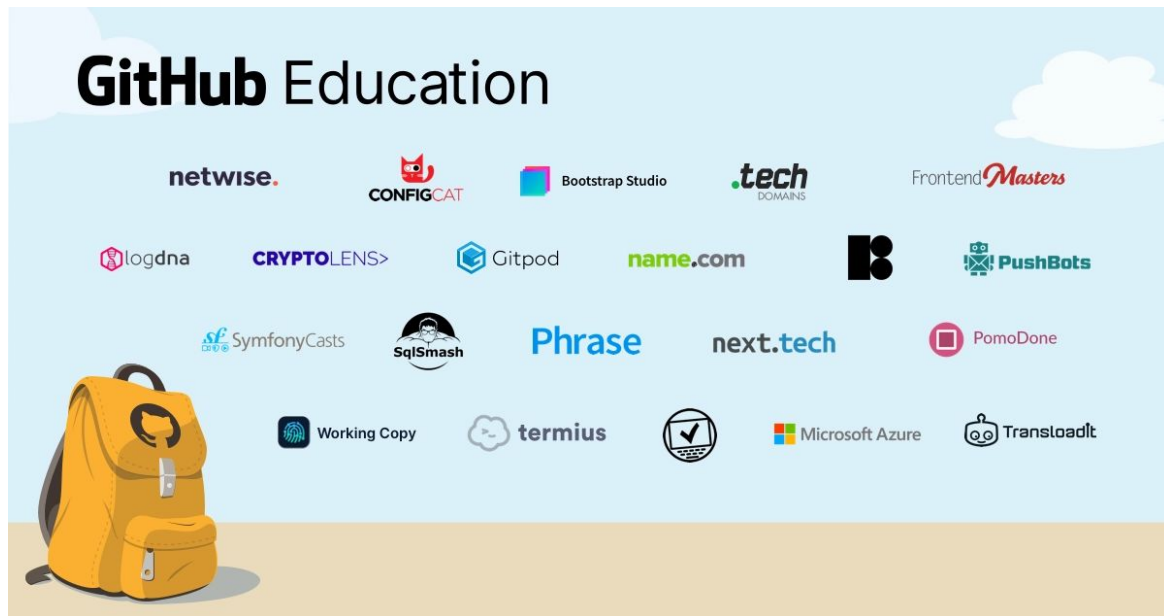
**GIT**



# GitHub

Student Developer Pack

# GIT



# GIT



## **GitHub** Learning Lab

How a Learning Lab course works

# GIT

## Our most popular courses

### Introduction to GitHub

👤 The GitHub Training Team

If you are looking for a quick and fun introduction to GitHub, you've found it. This class will get you started using GitHub in less than an hour.

● Git ● GitHub Pages ● Branches  
● Commits ● Pull Requests

### GitHub Actions: Hello World

👤 The GitHub Training Team

Create a GitHub Action and use it in a workflow.

● GitHub Actions ● Workflows  
● Hello World

### Communicating using Markdown

👤 The GitHub Training Team

This course will walk you through everything you need to start organizing ideas and collaborating using Markdown, a lightweight language for text formatting.

● GitHub ● Markdown

## Learning should be fun

There are no simulations or boring tutorials here, just hands-on lessons created with ❤️ by the GitHub community and taught by the friendly Learning Lab bot.



### Real projects

Learn new skills while working in your own copy of a real project.



### Helpful bot

Our friendly bot provides instructions and feedback throughout your journey.



### Real workflow

Everything happens in GitHub Issues and Pull Requests.

## Our Learning Paths

### First Day on GitHub

👤 The GitHub Training Team

### First Week on GitHub

👤 The GitHub Training Team

### DevOps with GitHub Actions

Git e Github