

Github

Agenda

- Controle de versões
- Git
- Github
 - Github Actions

Controle de Versões





Controle de
Versões

Ou controle de fontes

- Possuem a capacidade de rastrear e gerenciar alterações em um código de software.

Controle
de
Versões

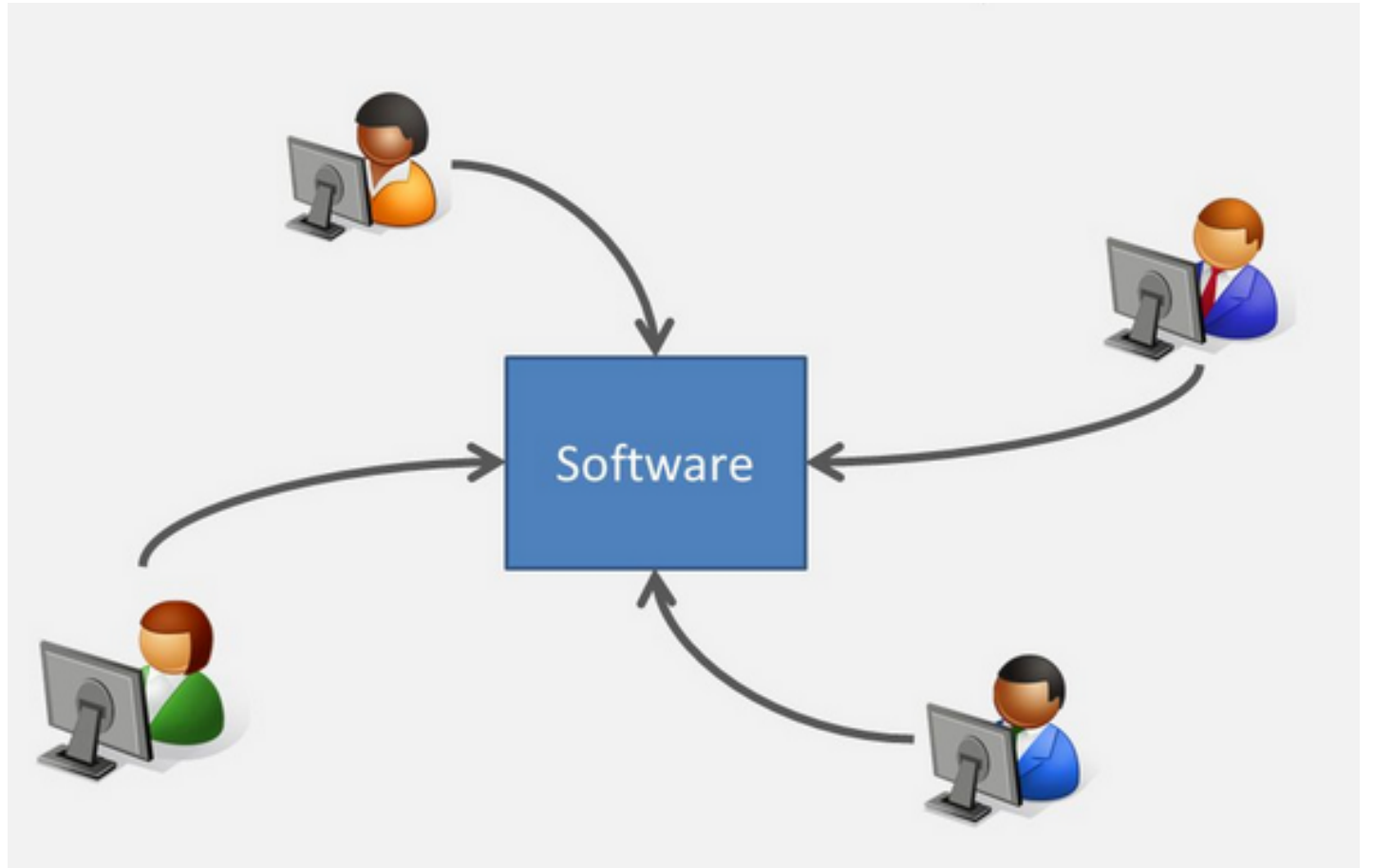
**I HEARD YOU DON'T USE VERSION
CONTROL**



**I ALSO LIKE TO LIVE
DANGEROUSLY**

memegenerator.net

Controle de Versões



Sistemas de controle de versões

- Ajudam equipes de desenvolvimento de software a gerenciar alterações ao longo do tempo.
- Benefícios
 - Histórico de alterações completo
 - Ramificação e mescla
 - Rastreabilidade

Sistemas de Controle de Versões



CVS



SVN



GIT



Mercurial

**OH MY
GIT!**



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.



About

Documentation

Downloads

GUI Clients

Logos

Community

The entire **Pro Git book**
written by Scott Chacon and

Downloads



macOS



Windows



Linux/Unix

Older releases are available and the [Git source repository](#) is on GitHub.



Git -
Instalação

- <https://git-scm.com/downloads>

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](#).

Downloading Git

Your download is starting...

You are downloading the latest (**2.34.0**) **32-bit** version of **Git for Windows**. This is the most recent **maintained build**. It was released **5 days ago**, on 2021-11-15.

[Click here to download manually](#), if your download hasn't started.

Other Git for Windows downloads

Git for Windows Setup

32-bit Git for Windows Setup.

64-bit Git for Windows Setup.

Git for Windows Portable ("thumbdrive edition")

32-bit Git for Windows Portable.

Git -
Instalação

- <https://git-scm.com/downloads>

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Download for Linux and Unix

It is easiest to install Git on Linux using the preferred package manager of your Linux distribution. If you prefer to build from source, you can find tarballs [on kernel.org](https://kernel.org). The latest version is [2.34.0](#).

Debian/Ubuntu

For the latest stable version for your release of Debian/Ubuntu

```
# apt-get install git
```

For Ubuntu, this PPA provides the latest stable upstream Git version

```
# add-apt-repository ppa:git-core/ppa # apt update; apt install git
```

Fedora

```
# yum install git (up to Fedora 21)
```

```
# dnf install git (Fedora 22 and later)
```

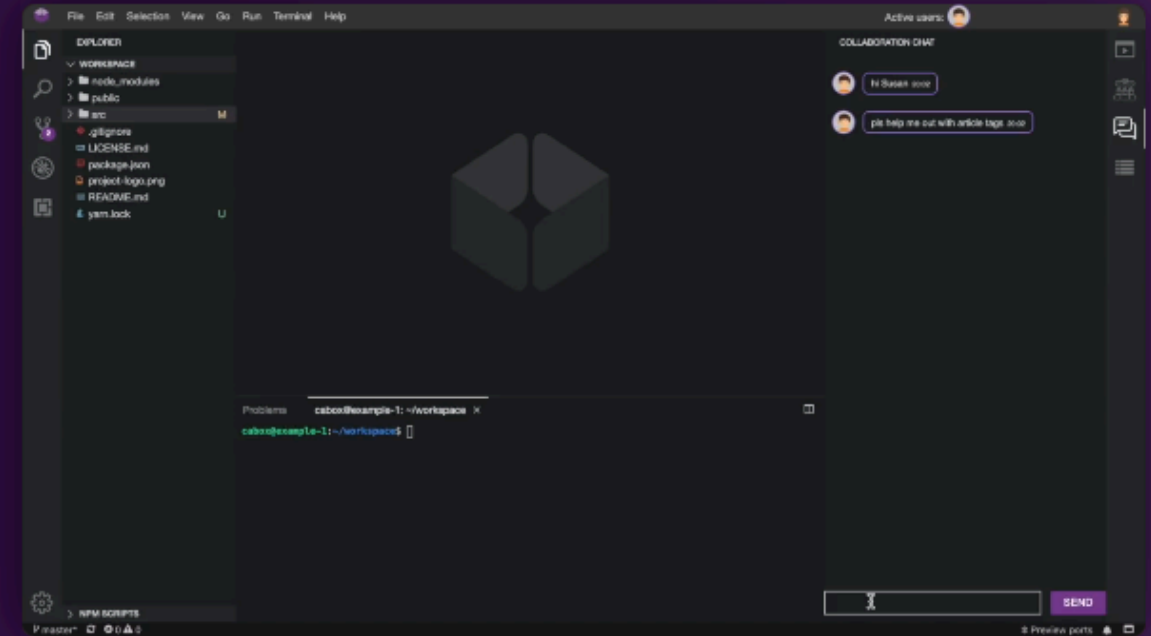
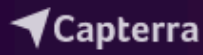
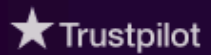
Git -
Instalação

- <https://git-scm.com/downloads>

Codeanywhere is a **Cloud IDE**.

Our Cloud IDE saves you time by deploying a development environment in seconds, enabling you to code, learn, build, and collaborate on your projects.

Try now for free



Git in Action – Mas antes...

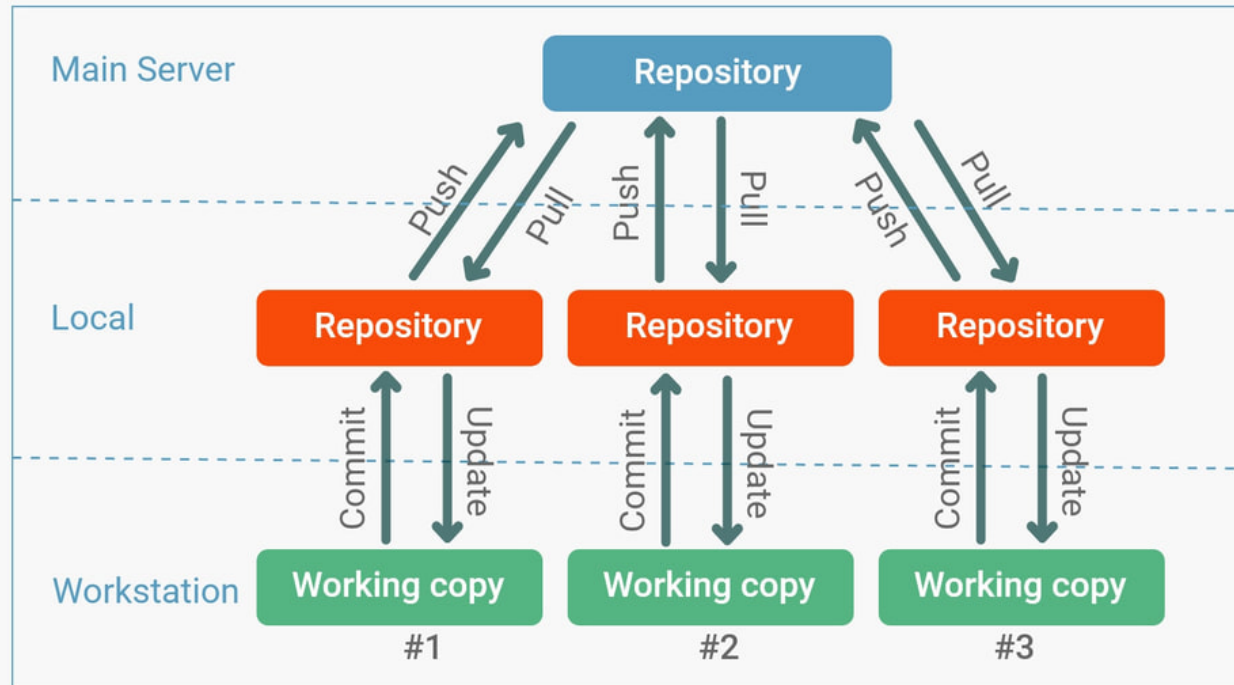
Git – Configuração

- `git config --global user.name "Seu Nome"`
- `git config --global user.email`
seuemail@seudominio.com.br

Git – Comandos

- git init
- git add
- git commit

Distributed Version Control System



Git – Sistema de Versionamento Distribuído



Git - Branches

Git – Comandos

- `git branch`
- `git checkout [branch]`
- `git checkout -b [new_branch]`

Git – Comandos

git merge





What is

a git hub?

Github

GitHub é uma plataforma de hospedagem de código-fonte e arquivos com controle de versão usando o Git.

Ele permite que programadores, utilitários ou qualquer usuário cadastrado na plataforma contribuam em projetos privados e/ou Open Source de qualquer lugar do mundo.

By [Wikipédia](#)



Bitbucket



GitHub



Gitlab

Plataformas

Github

- Criar a conta
- Criar repositório
- Configurar acesso
 - `cat ~/.ssh/id_rsa.pub` (CodeAnywhere)
- Configurar SSH Keys em Settings

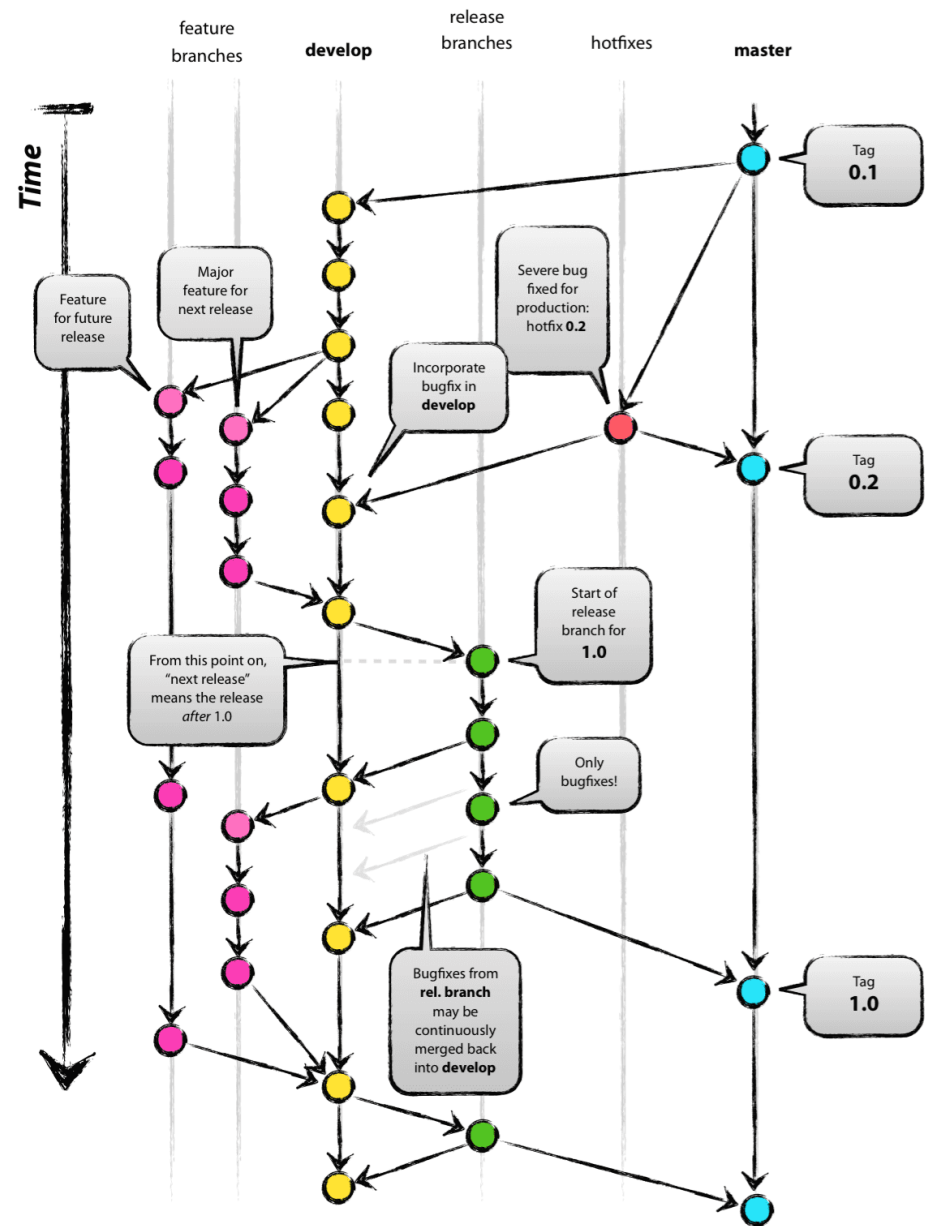
Github + Git

- `git remote add origin [repository_url]`
- `git push origin [branch]`
- `git clone`
- `git pull`

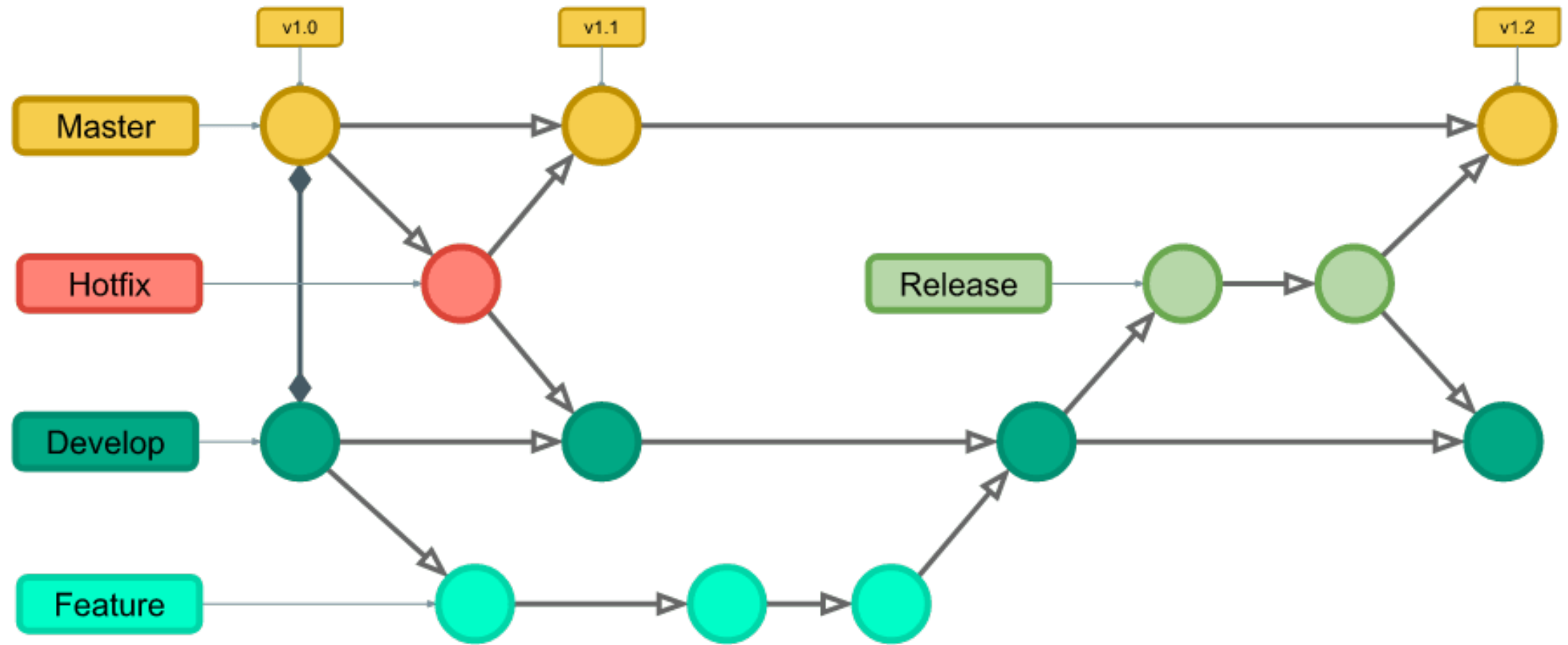


Github + Git

Github - Trabalhando em Equipes



Github - Trabalhando em Equipes



Github - Trabalhando em Equipes

- Branches master/main e develop protegidas
- Criação de Pull Requests
- Realização de Code Review
- Registros de Issues

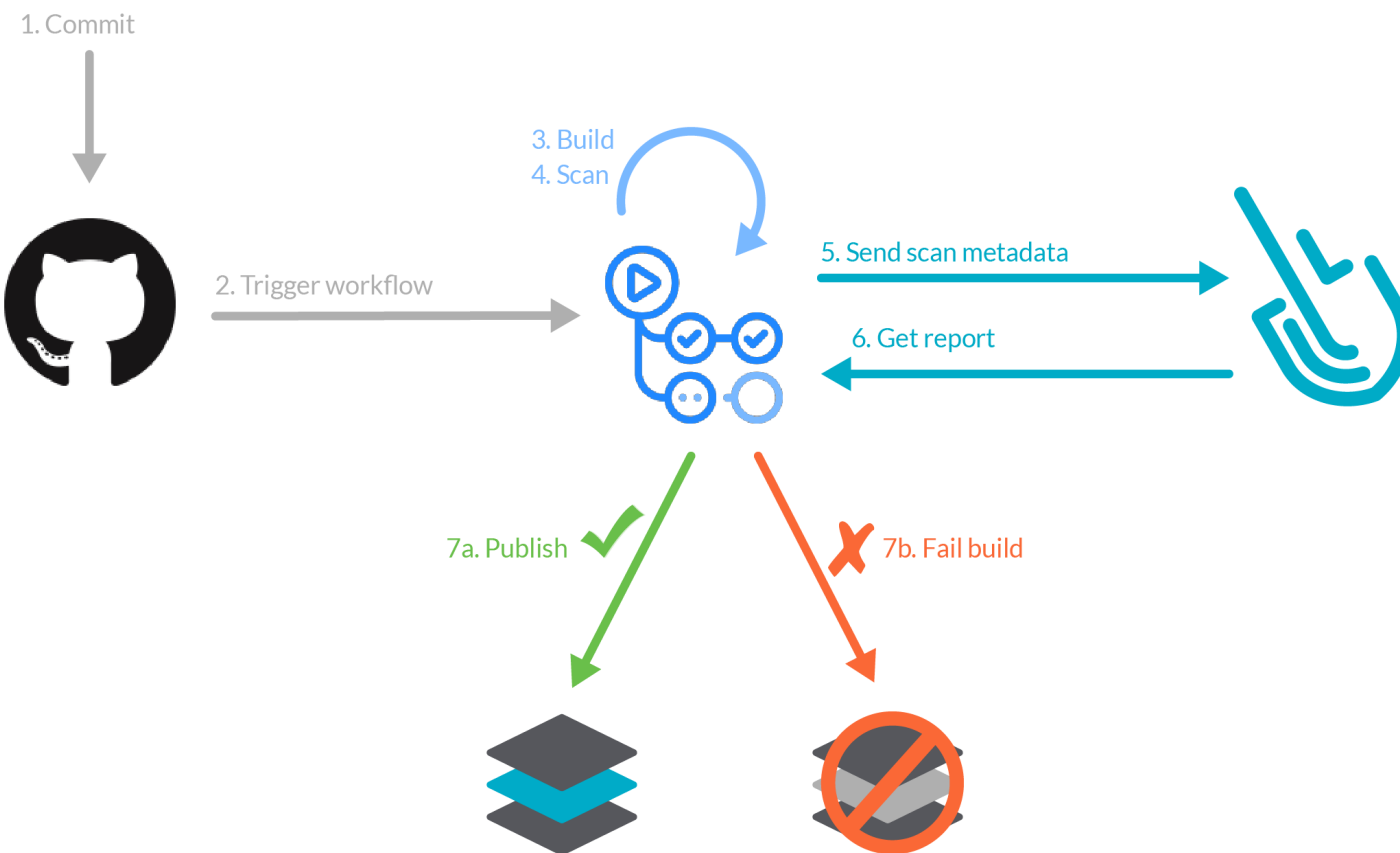
Github Actions



Github Actions

- GitHub Actions ajuda a automatizar tarefas dentro de seu ciclo de vida de desenvolvimento de software.
- GitHub Actions são orientados por eventos, o que significa que você pode executar uma série de comandos após um evento especificado ocorrer, por exemplo quando alguém solicitar ***pull request***

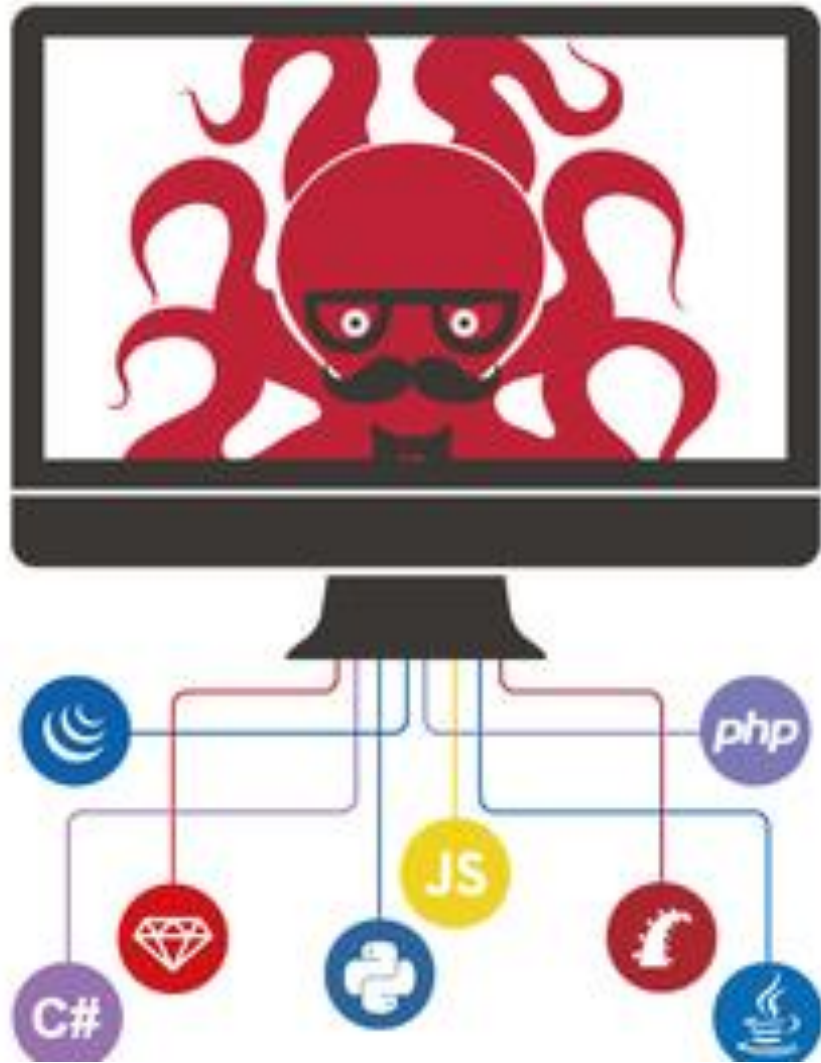
Github Actions



Github Actions In Action

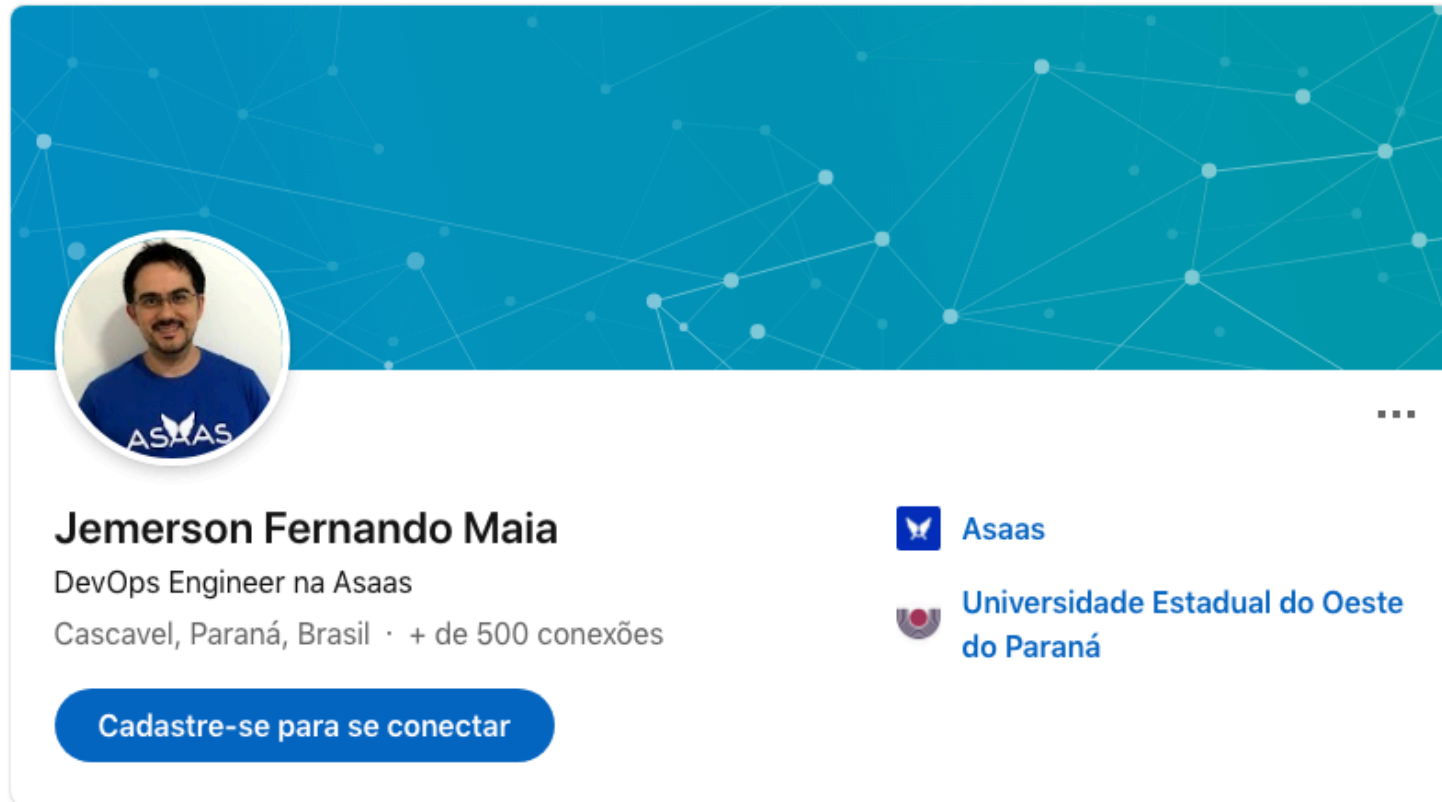


The End



Kahoot

Contato



A LinkedIn profile card for Jemerson Fernando Maia. The background is a blue banner with a white geometric pattern of dots and lines. On the left is a circular profile picture of a man with glasses and a beard, wearing a blue shirt with the 'ASAAS' logo. Below the picture, the name 'Jemerson Fernando Maia' is displayed in bold, followed by 'DevOps Engineer na Asaas' and 'Cascavel, Paraná, Brasil · + de 500 conexões'. To the right of the profile information are two logos: 'Asaas' (a blue square with a white bird icon) and 'Universidade Estadual do Oeste do Paraná' (a circular logo with a red and white design). At the bottom left is a blue button with the text 'Cadastre-se para se conectar'. Three small dots are visible to the right of the profile picture.

Jemerson Fernando Maia
DevOps Engineer na Asaas
Cascavel, Paraná, Brasil · + de 500 conexões

Asaas
Universidade Estadual do Oeste do Paraná

Cadastre-se para se conectar

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- <https://www.linkedin.com/in/jemerson-fernando-maia-85a87421/>

Referências

- <https://git-scm.com>
- <https://www.atlassian.com/br/git/tutorials>
- <https://codeanywhere.com>
- <https://docs.github.com/pt/actions>
- <https://github.com/marketplace?type=actions>