

Sites estáticos em produção

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FUTURE4

Agenda

- Cliente e servidor
- Sites estáticos & sites dinâmicos
- Exemplos de sites estáticos
- Tradeoffs
- Plataformas de sites estáticos
- **Sites estáticos com github-pages!**

Como funciona um **site**?



Autor



**Usuário
(leitor)**



Autor



**Usuário
(leitor)**



Autor



**Usuário
(leitor)**



Internet



Autor



**Usuário
(leitor)**



Internet



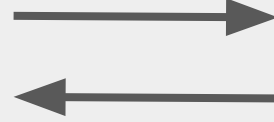
**Site
(html, css, js)**



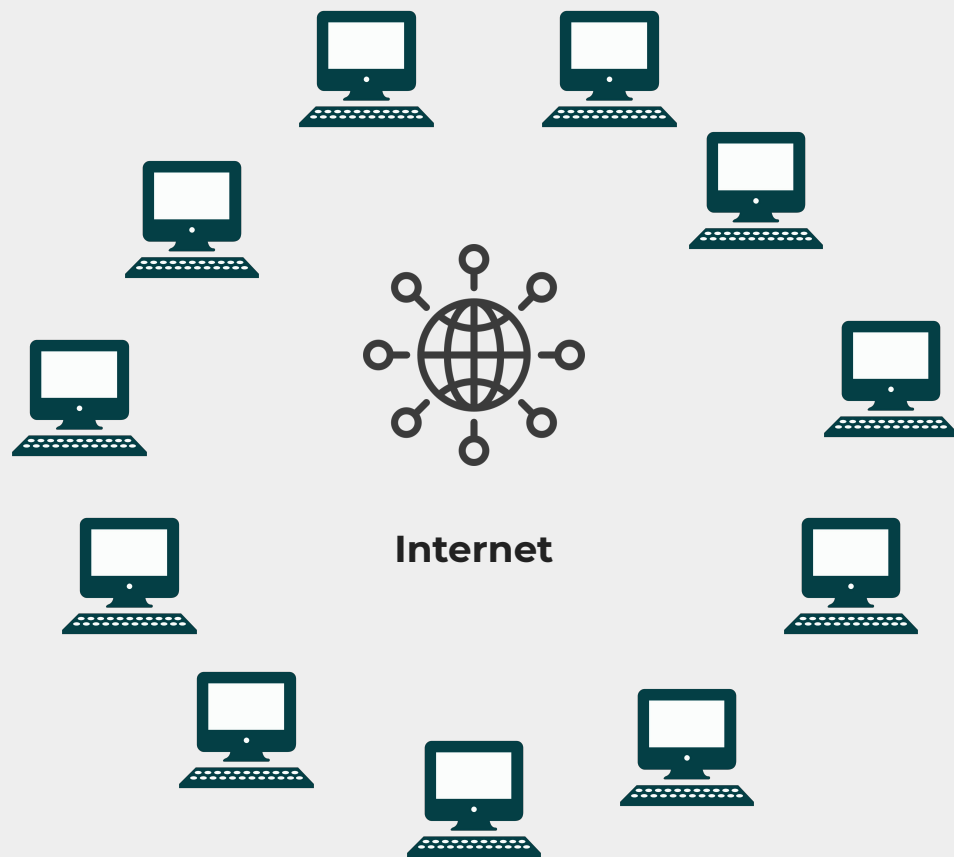
Browser



Internet



Site
(html, css, js)





Browser



Internet



Site
(html, css, js)



Browser



Internet



Site
(html, css, js)

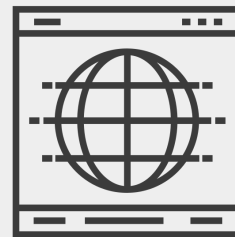
Client



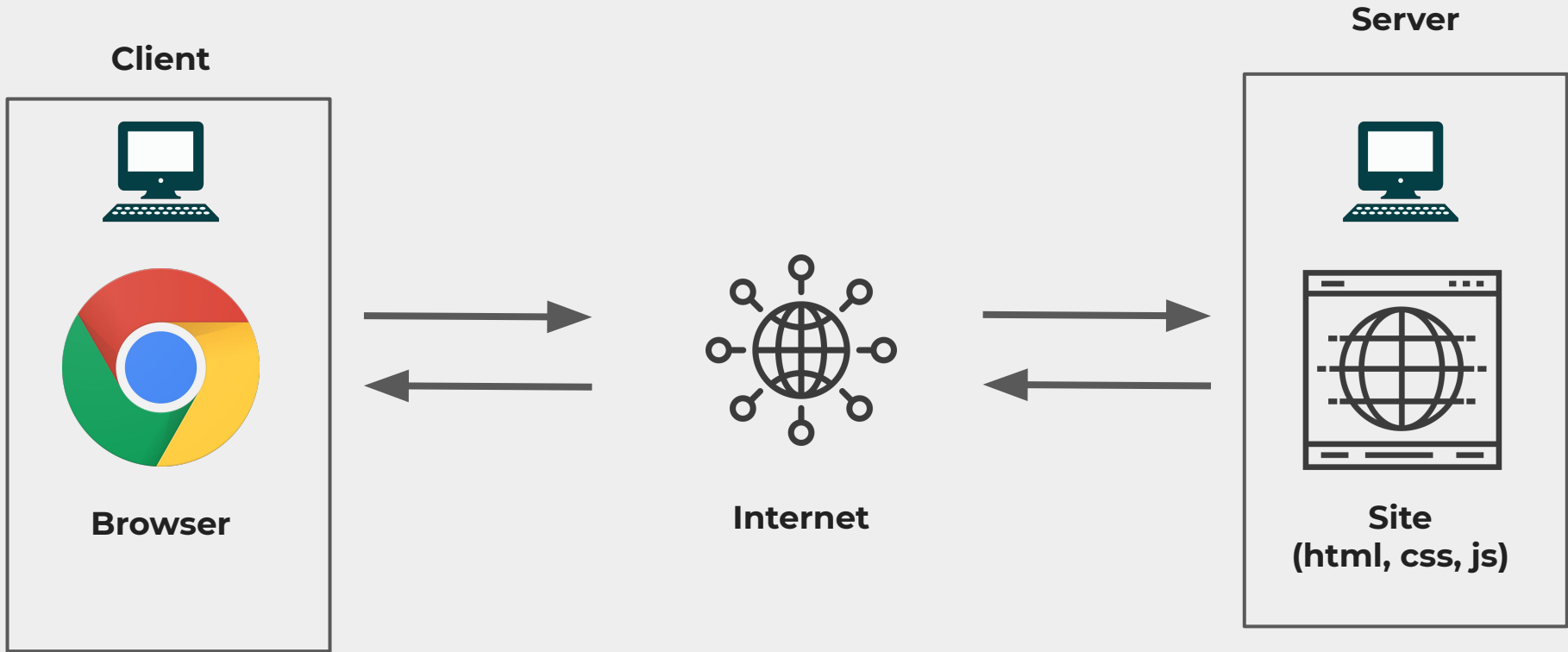
Browser



Internet



Site
(html, css, js)

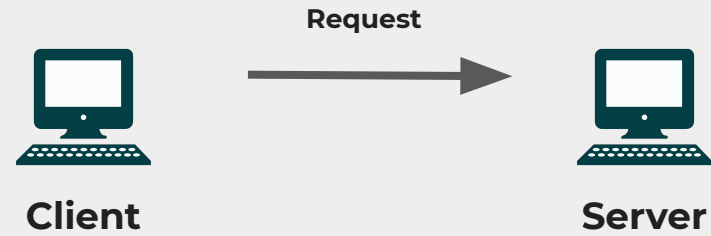


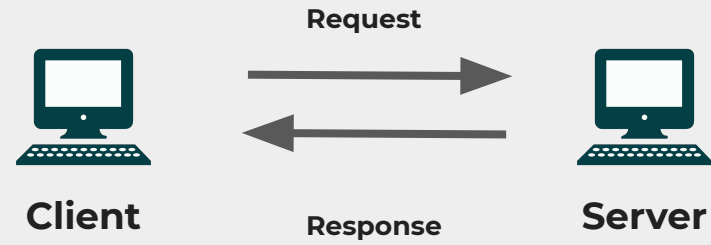


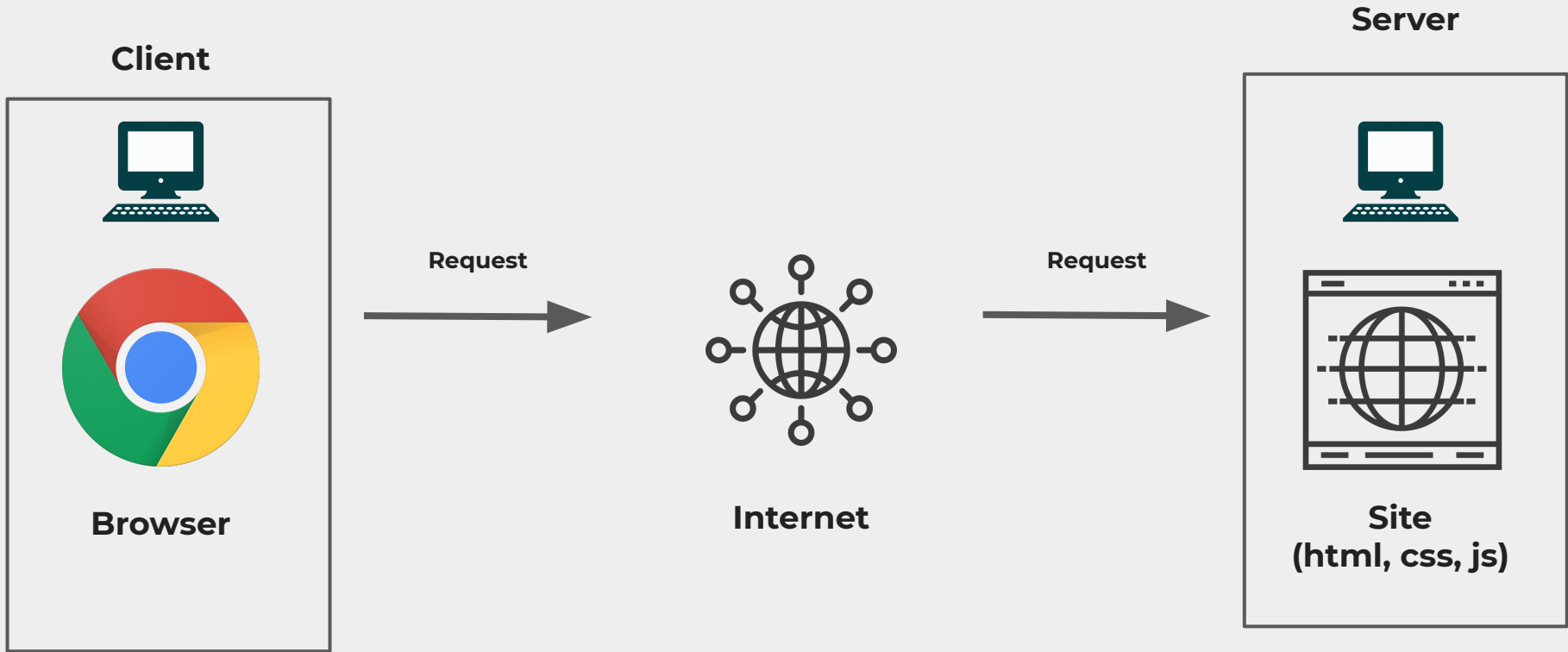
Client



Server





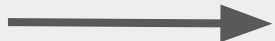


Client

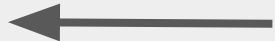


Browser

Request

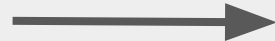


Response

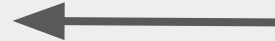


Internet

Request



Response



Server



Site
(html, css, js)

HTTP(S)

TCP/IP

Headers

Cookies

DNS

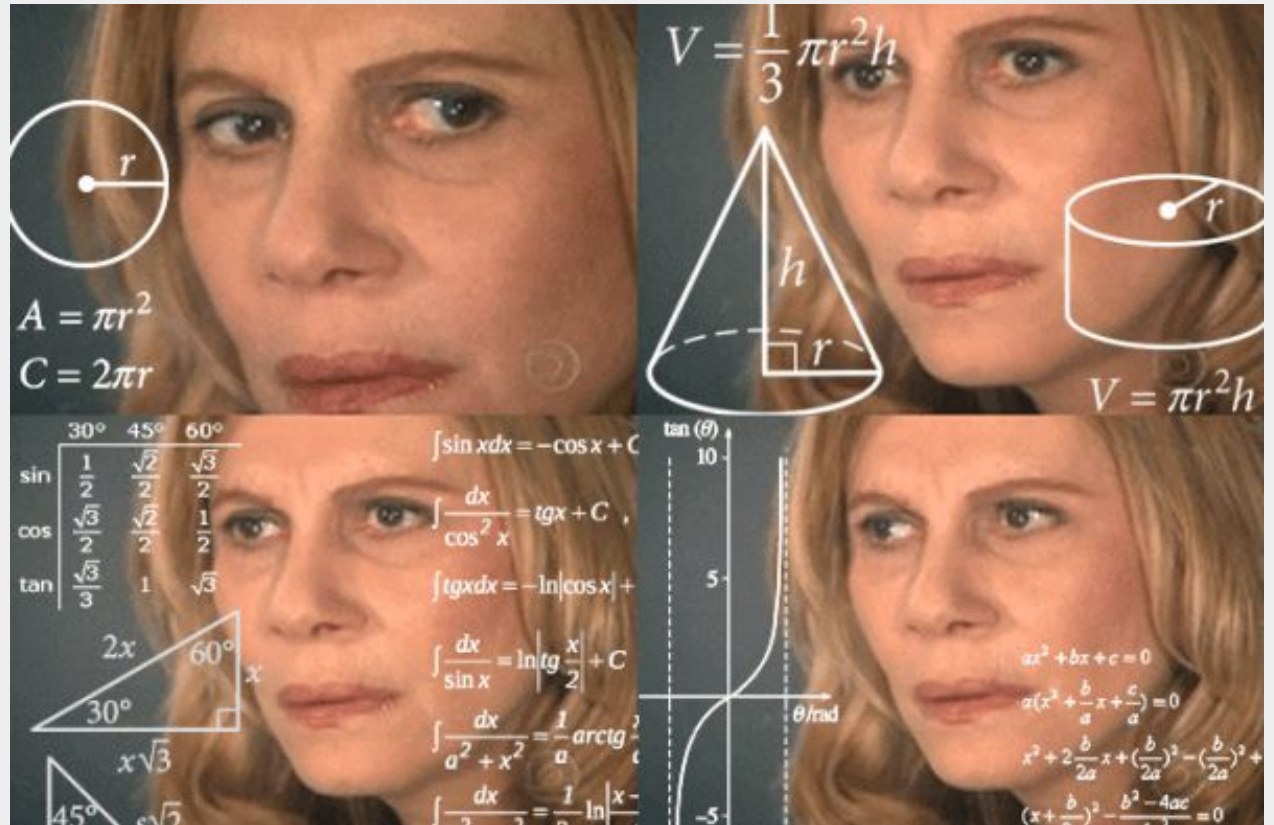
FTP

CNAME

Domain

CORS

HTTP(S)
TCP/IP
Headers
Cookies
DNS
FTP
CNAME
Domain
CORS

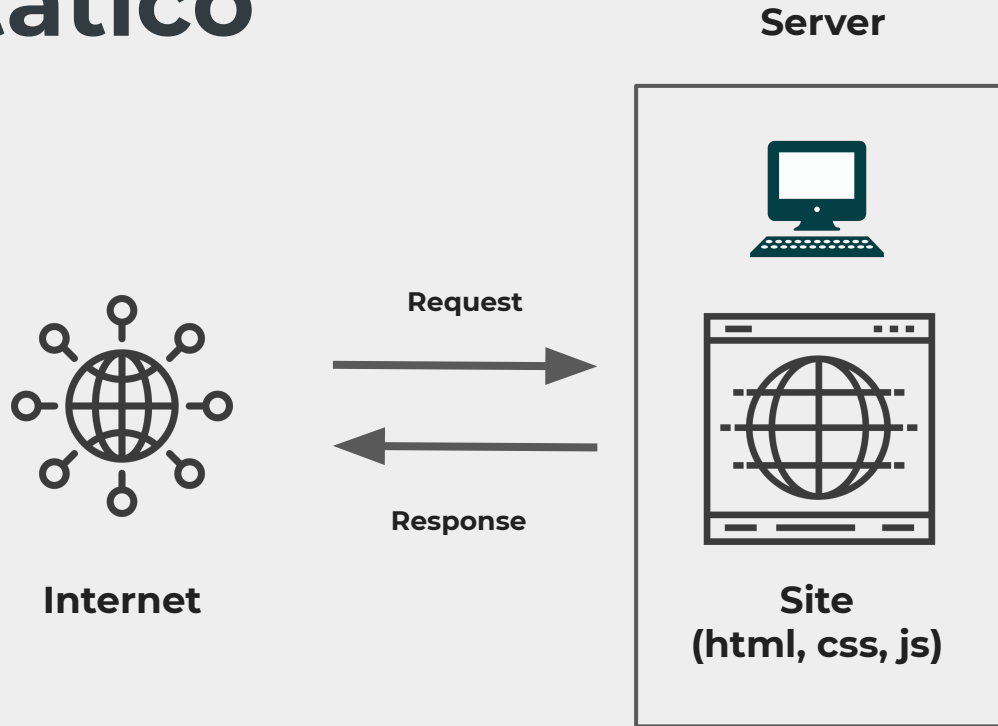


O que são **sites estáticos**?

Estático significa
“da forma que está”?

São sites onde os arquivos
html, css e js não mudam.

Site estático



Site dinâmico



Internet

Request



Response



Server

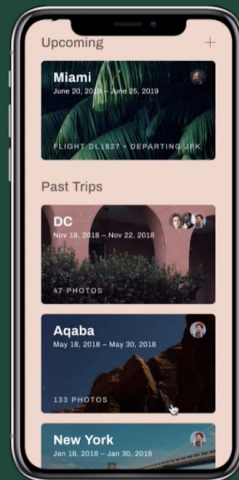


Exemplo de site estático

[Product ▼](#)[Enterprise](#)[Pricing](#)[Customers](#)[Resources ▼](#)[Log in](#)[Sign Up](#)

Where teams design together.

Design, prototype, and collaborate all in the
browser—with Figma.

[Try Figma for free](#)

Tradeoffs

Toda escolha envolve um tradeoff

Vantagens - sites estáticos

VANTAGENS

- Resposta do servidor imediata (não precisa de processamento)*
- Servidor é mais simples/barato - Hospedagem de arquivos.
- Consome menos processamento do servidor.

Vantagens - sites estáticos

DESVANTAGENS

- Dados estáticos; arquivos precisam ser mudados/gerados.
- Busca de dados no frontend.
- Segurança pode ser mais complexa.

Plataformas para sites estáticos

Plataformas - sites estáticos

- AWS S3
- Firebase Hosting
- Surge
- Github Pages

github-pages

github-pages

- Criar repositório
- **Setup github pages**
- Clonar
- Abrir branch
- Commit
- Push
- Abrir PR
- Merge (*após review)
- **Deploy github pages**

github-pages

 [future4code](#) / [pagesTestOrg](#) Private

 Unwatch ▾

2

★ Star

0

 Fork

0

 Code

 Issues 0

 Pull requests 0

 Projects 0

 Wiki

 Security

 Insights

 Settings

Options

[Collaborators & teams](#)

[Branches](#)

[Webhooks](#)

[Notifications](#)

[Integrations & services](#)

[Deploy keys](#)

Settings

Repository name

pagesTestOrg

Rename

☐ Template repository

Template repositories let users generate new repositories with the same directory structure and files. Indicate if `future4code/pagesTestOrg` can be used as a template for creating other repositories.

Social preview

github-pages

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

⚠ **Caution:** This repository is private but the published site will be public.

✓ Your site is published at <https://future4code.github.io/pagesTestOrg/>

Source

Your GitHub Pages site is currently being built from the /docs folder in the master branch. [Learn more.](#)

master branch /docs folder ▾

Theme Chooser

Select a theme to publish your site with a Jekyll theme. [Learn more.](#)

Choose a theme

Custom domain

Custom domains allow you to serve your site from a domain other than future4code.github.io. [Learn more.](#)

Save

☒ Enforce HTTPS

— Required for your site because you are using the default domain (future4code.github.io)

HTTPS provides a layer of encryption that prevents others from snooping on or tampering with traffic to your site. When HTTPS is enforced, your site will only be served over HTTPS. [Learn more.](#)

Obrigado!

Perguntas?