



PSI3541 2023

SISTEMAS EMBARCADOS DISTRIBUIDOS

AULA 02 28/03/2022

SERVIDOR WEB NGIX EM MÁQUINA VIRTUAL LINUX NO AZURE

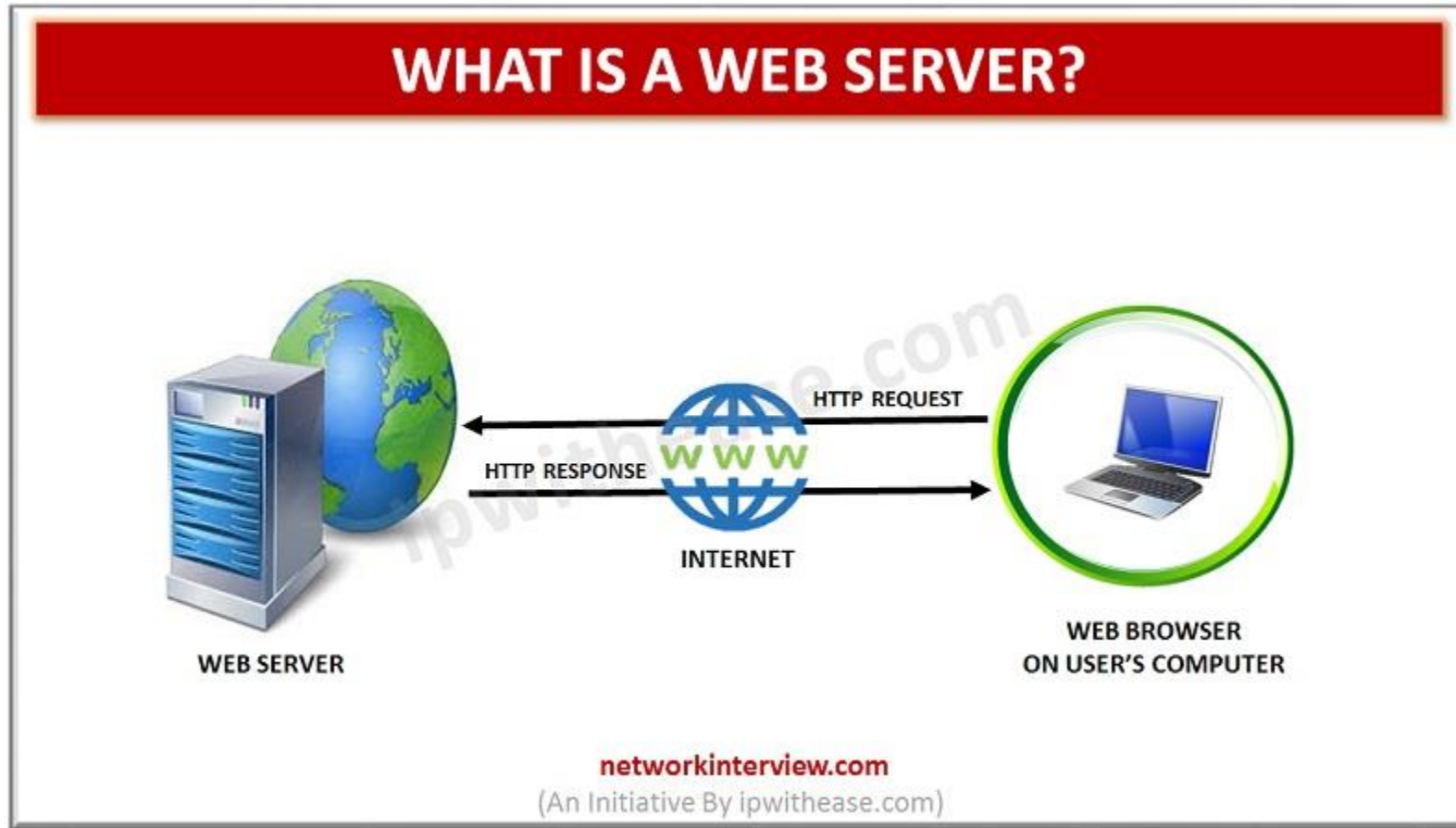
PROF. SERGIO TAKEO KOFUJI - KOFUJI@USP.BR

Tipos de Servidores

Types of Servers in Computing

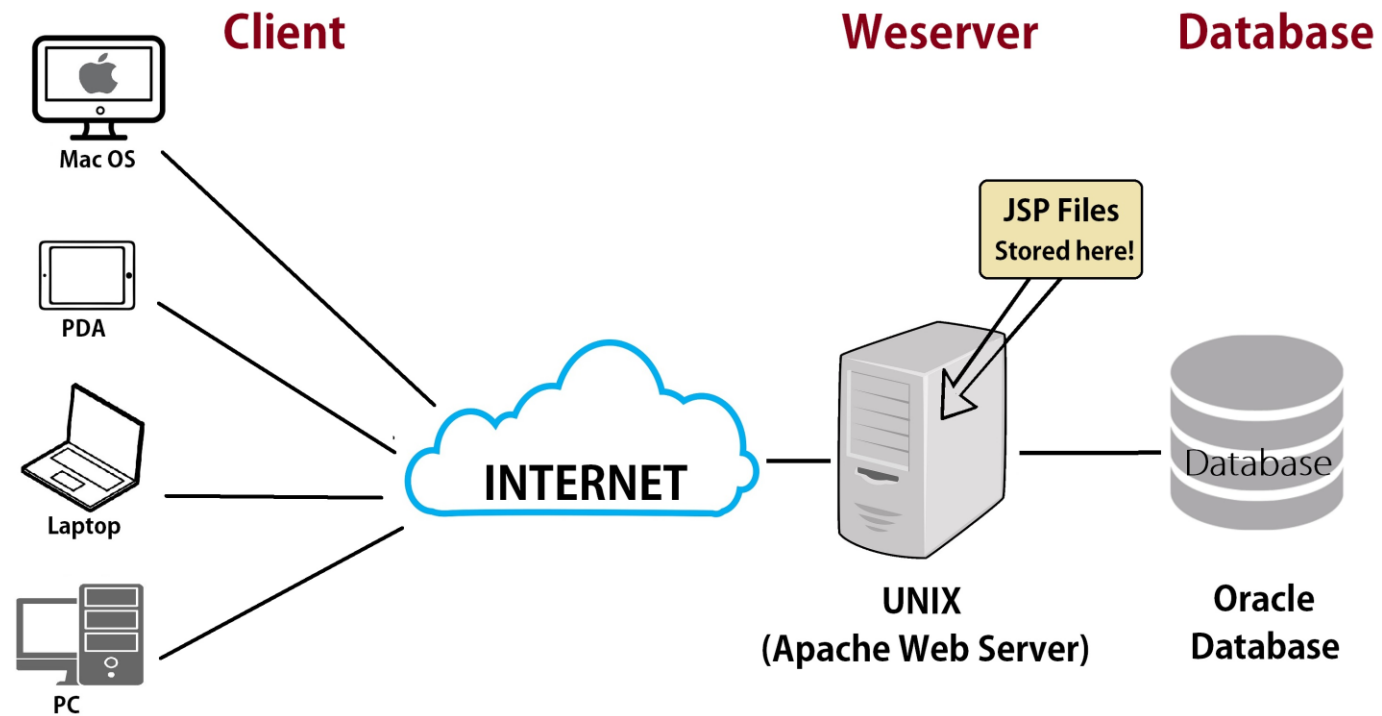


Internet, WWW e Servidores Web

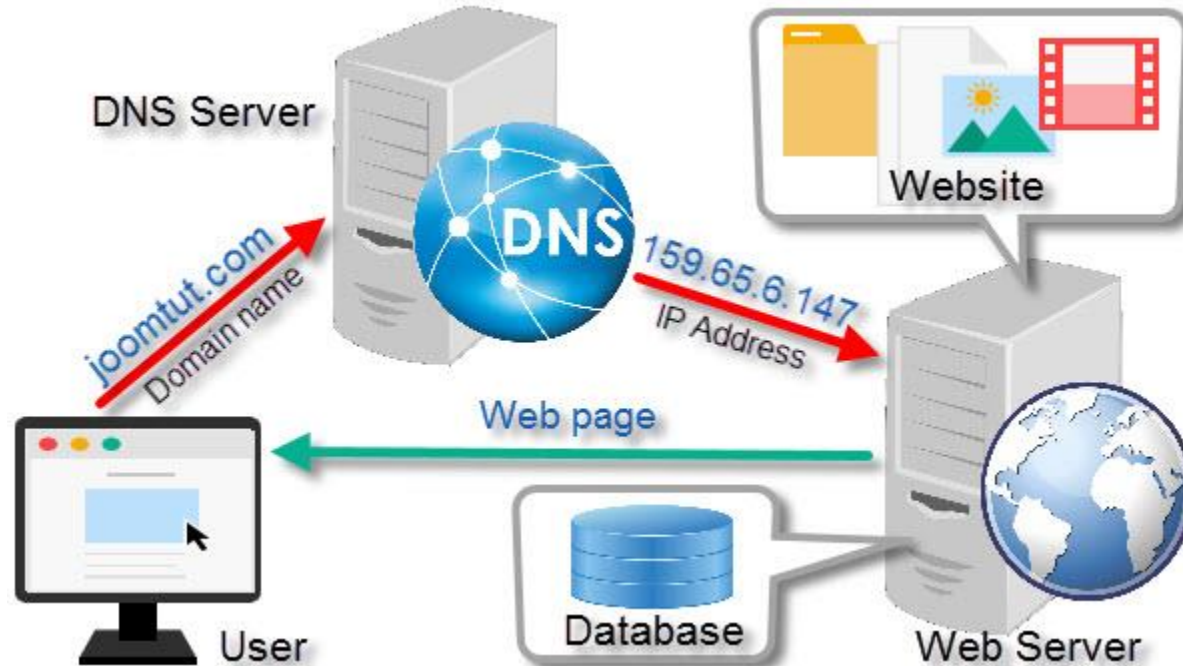


<https://networkinterview.com/what-is-a-web-server/>

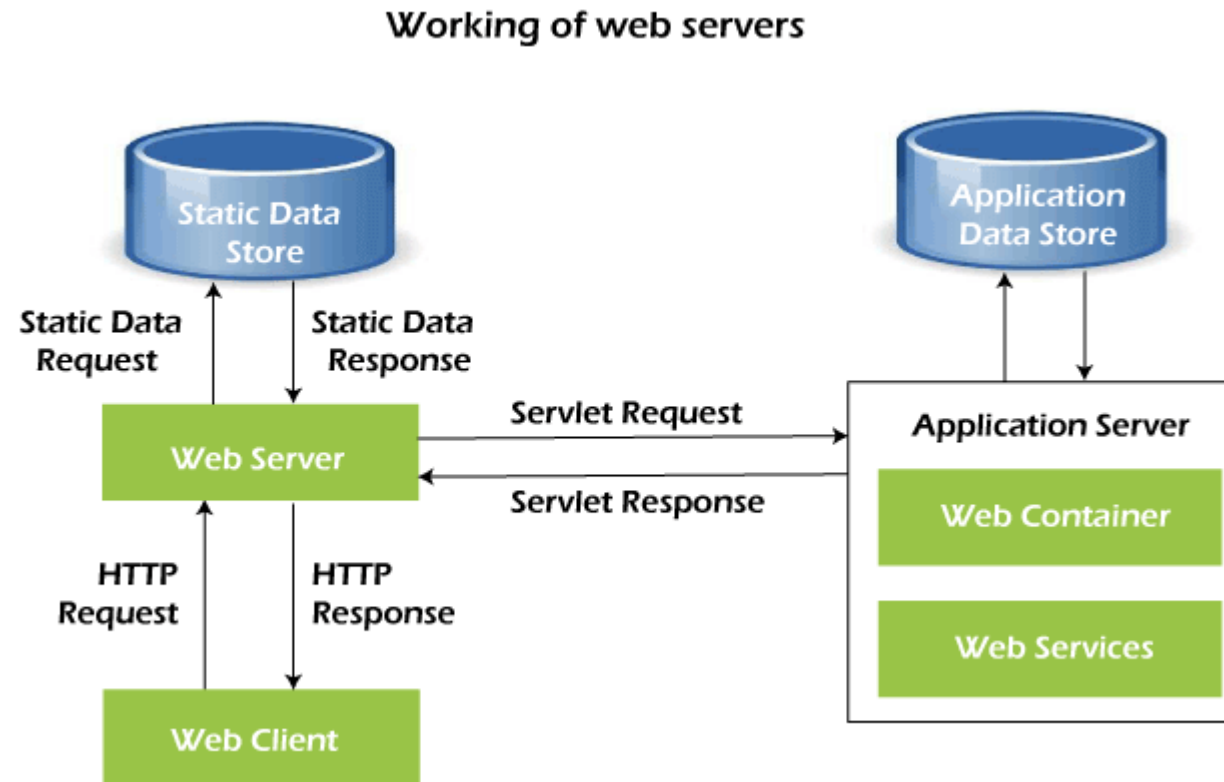
Servidor Web



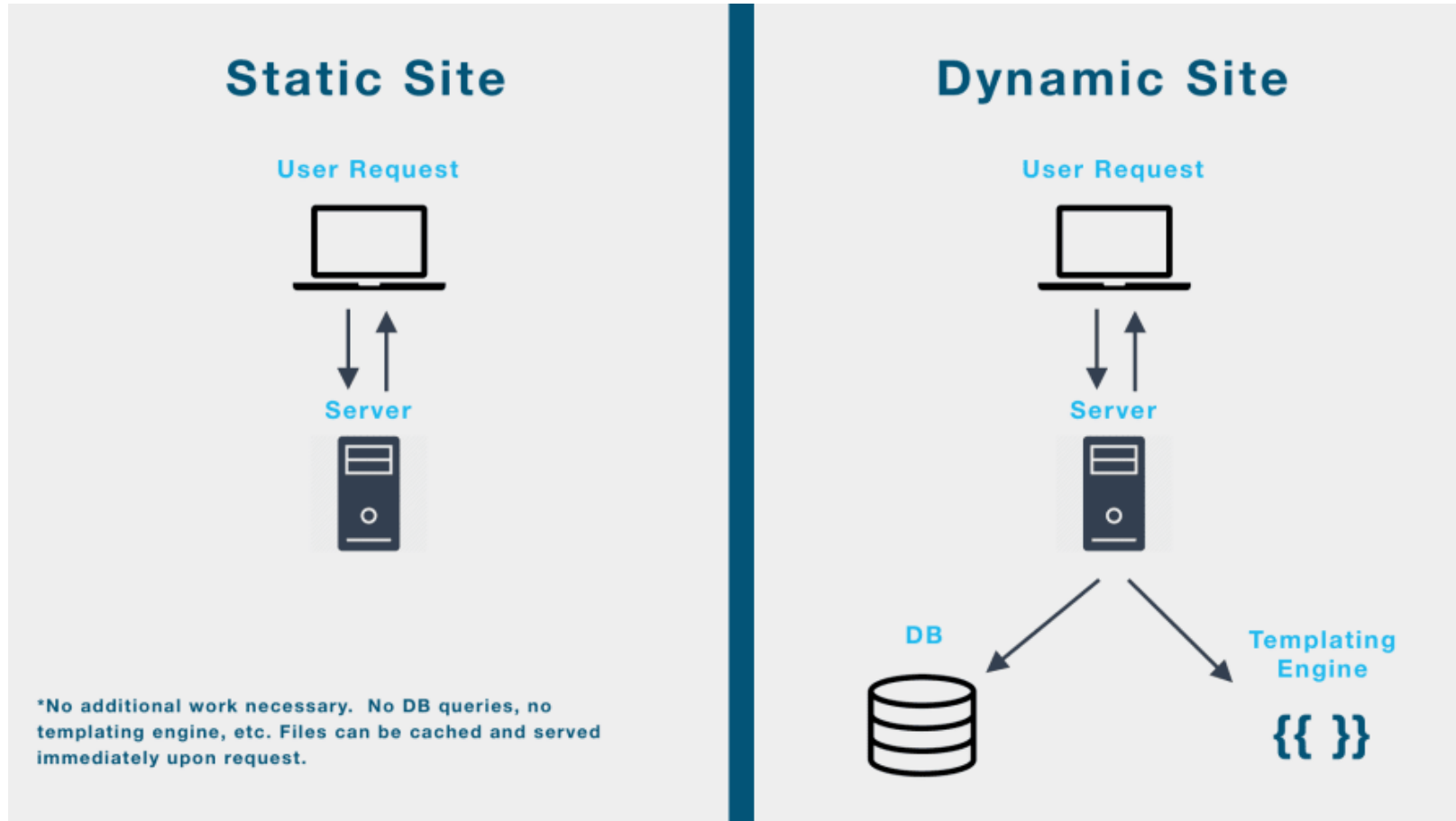
Servidor Web, como funciona?



Servidor Web, Como funciona? Cont.

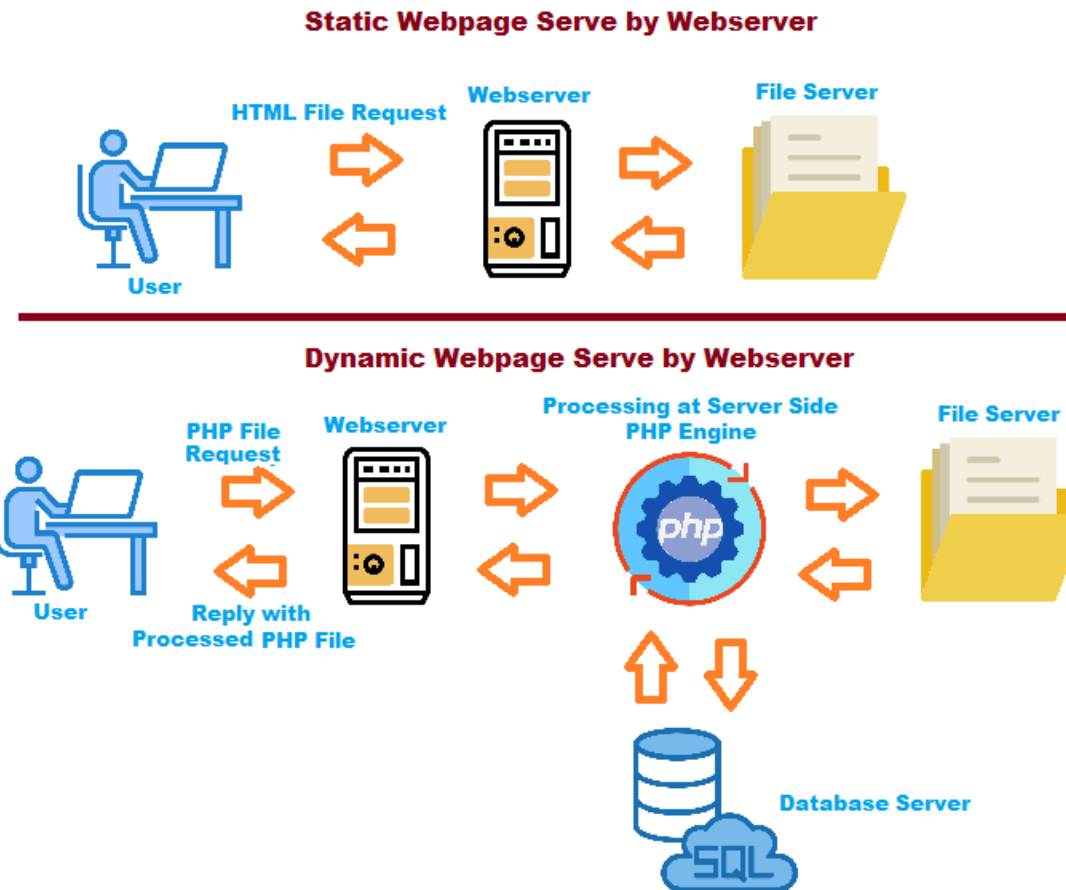


Servidor Web, Estático x Dinâmico

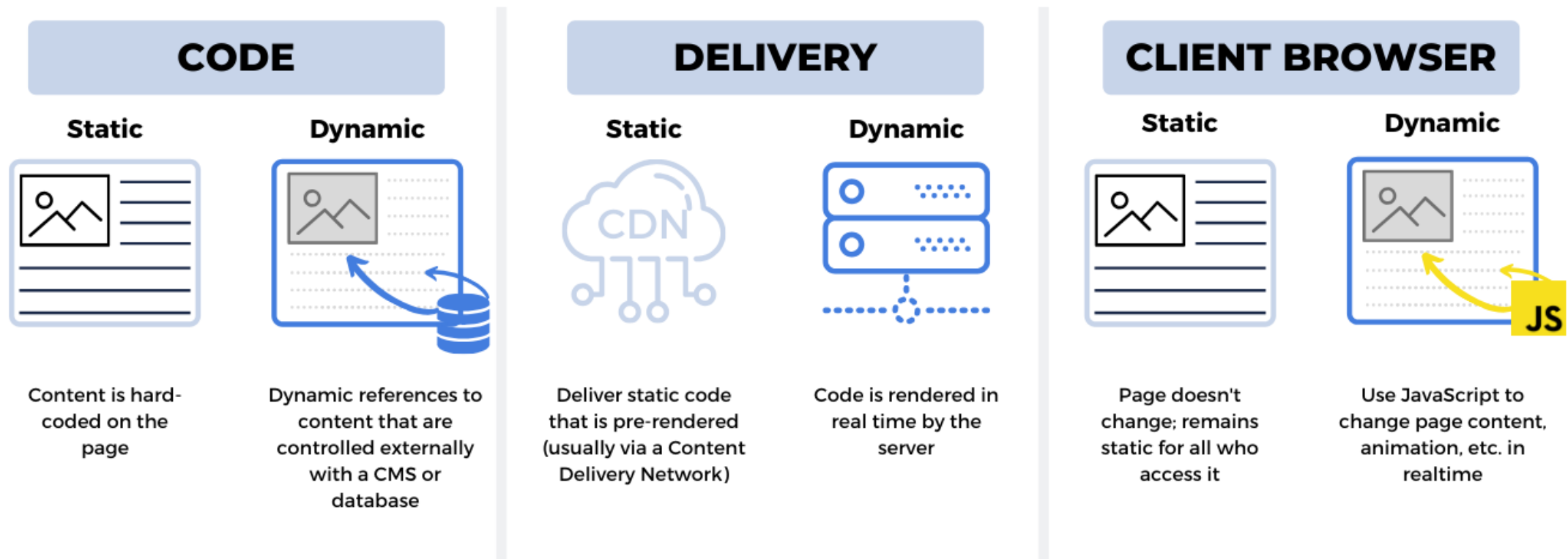


<https://chandulanethmal.github.io/programming/web/Static-Dynamic-Websites/>

Servidor Web, Estático x Dinâmico, cont.



Estático x Dinâmico



<https://www.zesty.io/mindshare/marketing-technology/dynamic-vs-static-websites/>

Website Estático x Dinâmico?

<https://www.zesty.io/mindshare/marketing-technology/dynamic-vs-static-websites/>

Situation	Description	Static or Dynamic?
Personalization	You're looking to provide content to specific people or segments of your target audience.	Dynamic
Login Functionality	You're looking to have users login to the website to access gated content.	Dynamic
Scalability	You're expecting the site to grow to multiple pages, page types, etc.	Dynamic
CMS Functionality	You need multiple people to be able to manipulate content without touching the code of a site.	Dynamic
Web Application	You need to build an application such as a PWA.	Dynamic
Multiple Languages	You need to accommodate multiple languages on the site.	Static or Dynamic depends on the approach to the build.
Brochure Site	You're looking to build a simple site that will not change much.	Static
Blog	You're looking to build a simple blog.	Static
Landing Page	You're looking to build a landing page with information and an opt-in.	Static

HTML

- HTML significa Hyper Text Markup Language
- HTML é a linguagem de marcação padrão para criar páginas da web
- HTML descreve a estrutura de uma página da Web
- HTML consiste em uma série de elementos
- Os elementos HTML informam ao navegador como exibir o conteúdo
- Os elementos HTML rotulam partes do conteúdo como "isto é um título", "isto é um parágrafo", "isto é um link", etc.

Um Documento HTML simples

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Page Title</title>
```

```
</head>
```

```
<body>
```

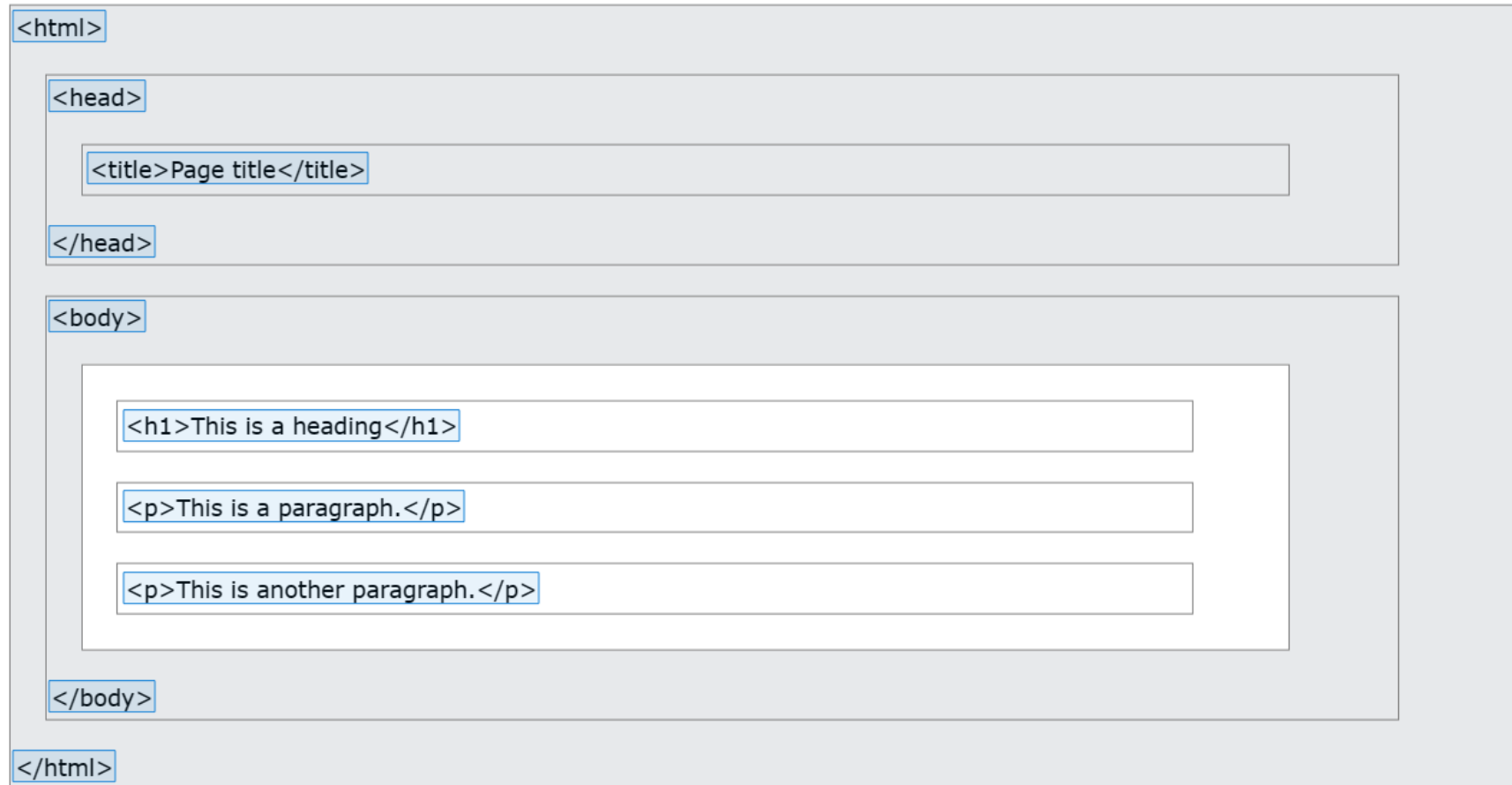
```
<h1>My First Heading</h1>
```

```
<p>My first paragraph.</p>
```

```
</body>
```

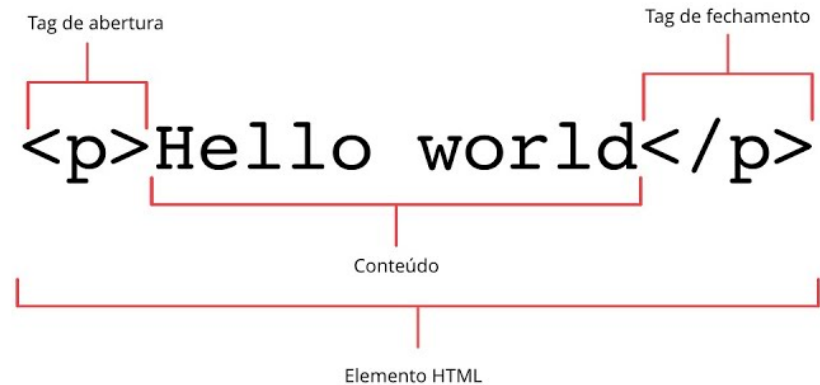
```
</html>
```

Estrutura de uma página HTML



Elementos HTML

Anatomia de um elemento HTML



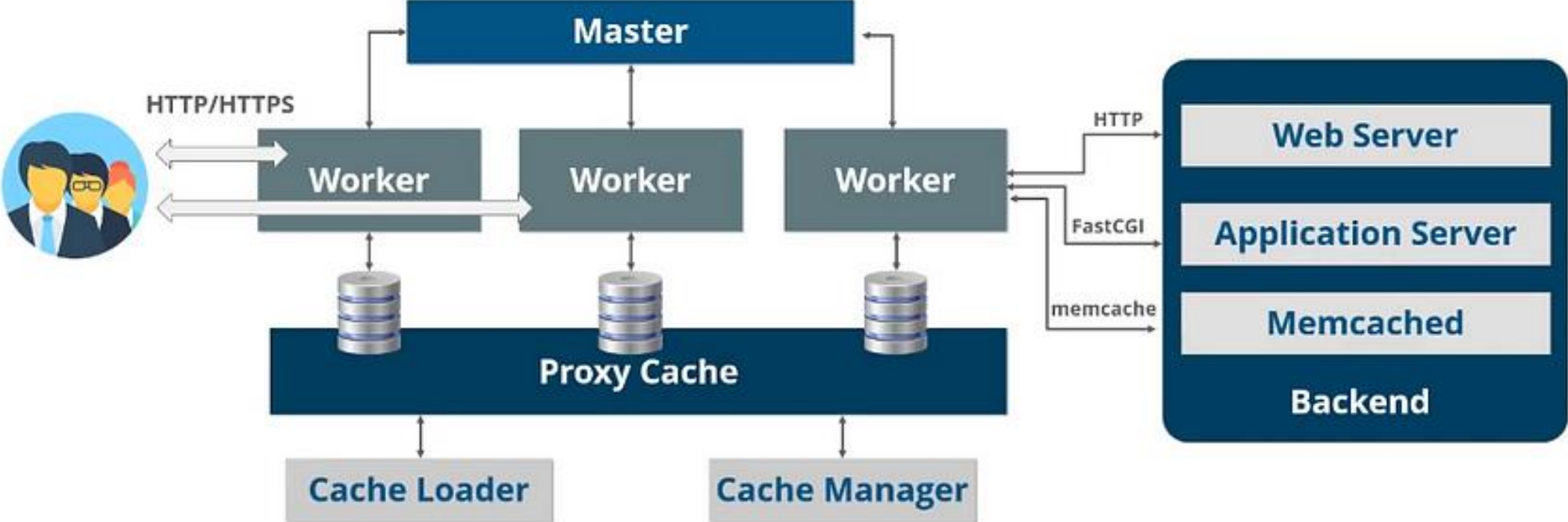
Start tag	Element content	End tag
<code><h1></code>	My First Heading	<code></h1></code>
<code><p></code>	My first paragraph.	<code></p></code>
<code>
</code>	<i>none</i>	<i>none</i>

Material do Site w3schools

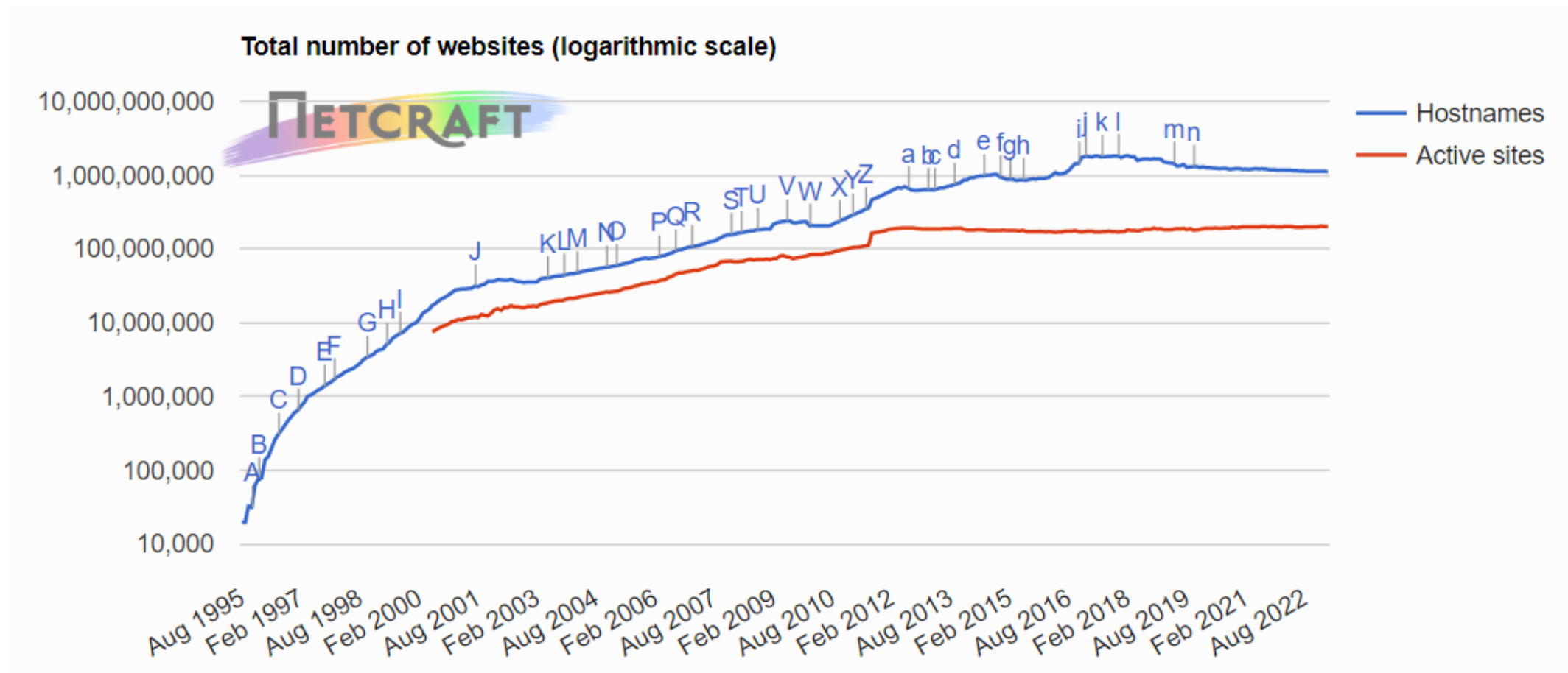
- <https://www.w3schools.com/html/default.asp>



NGIX

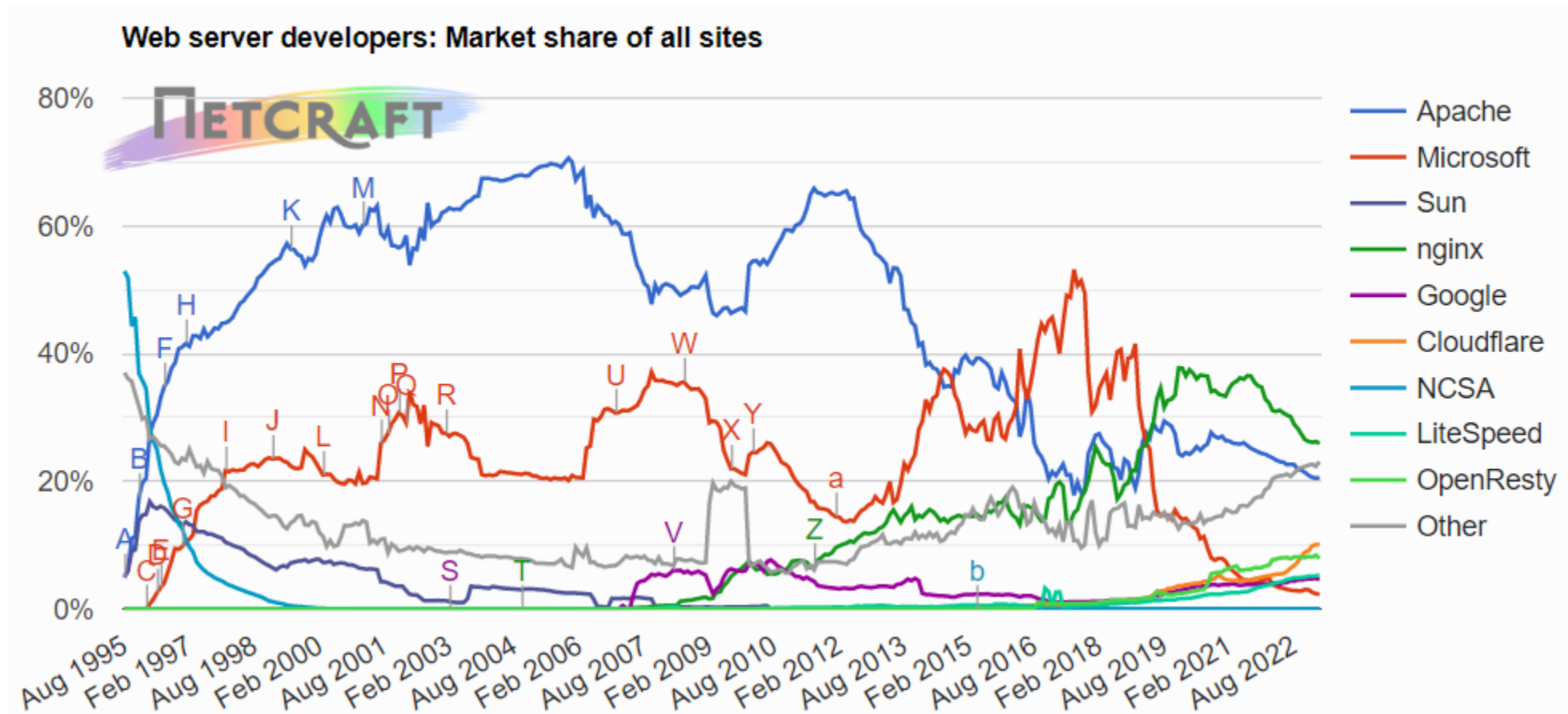


Número Total de Websites, Março 2023



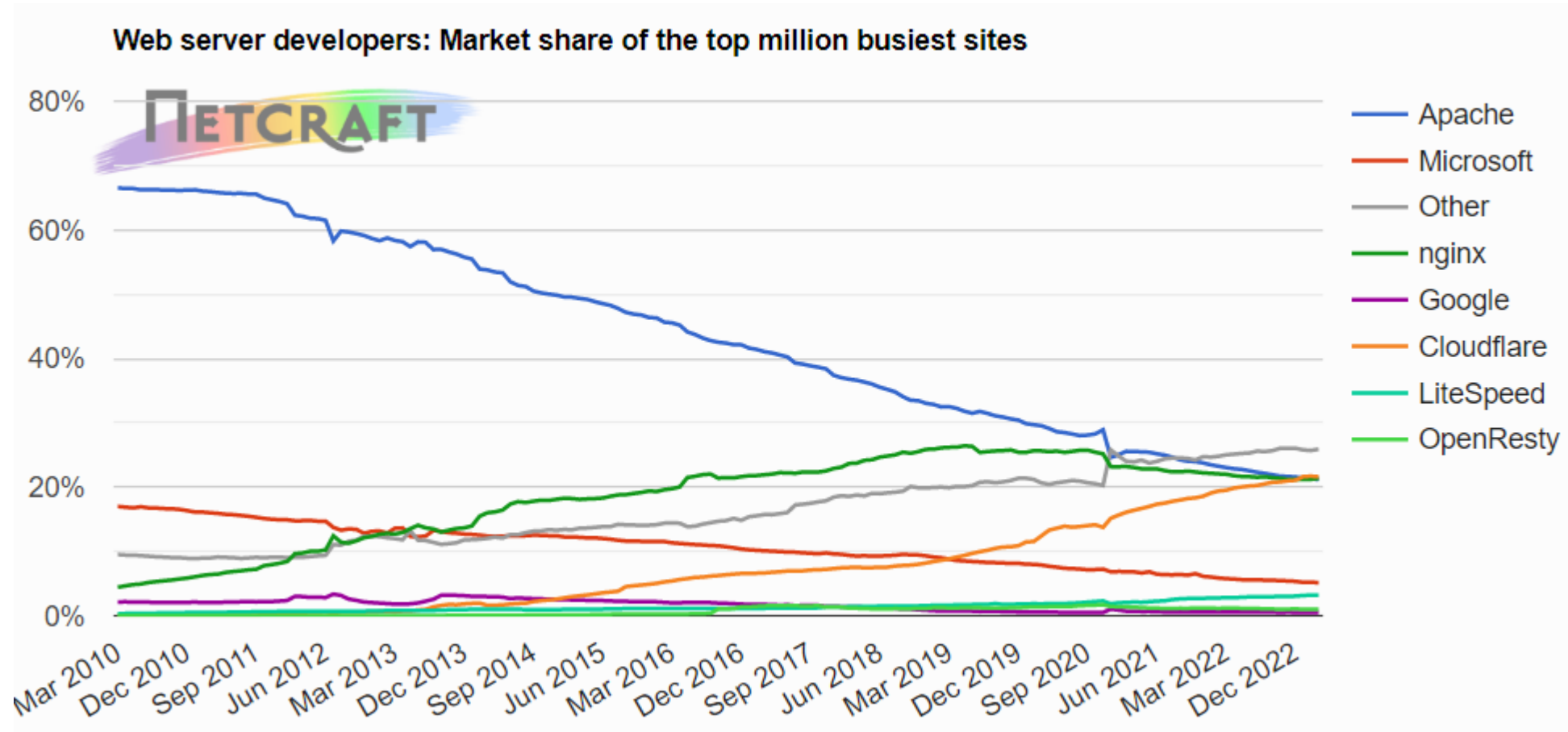
Fonte: <https://news.netcraft.com/archives/category/web-server-survey/>

Desenvolvedores de Servidores Web, all sites



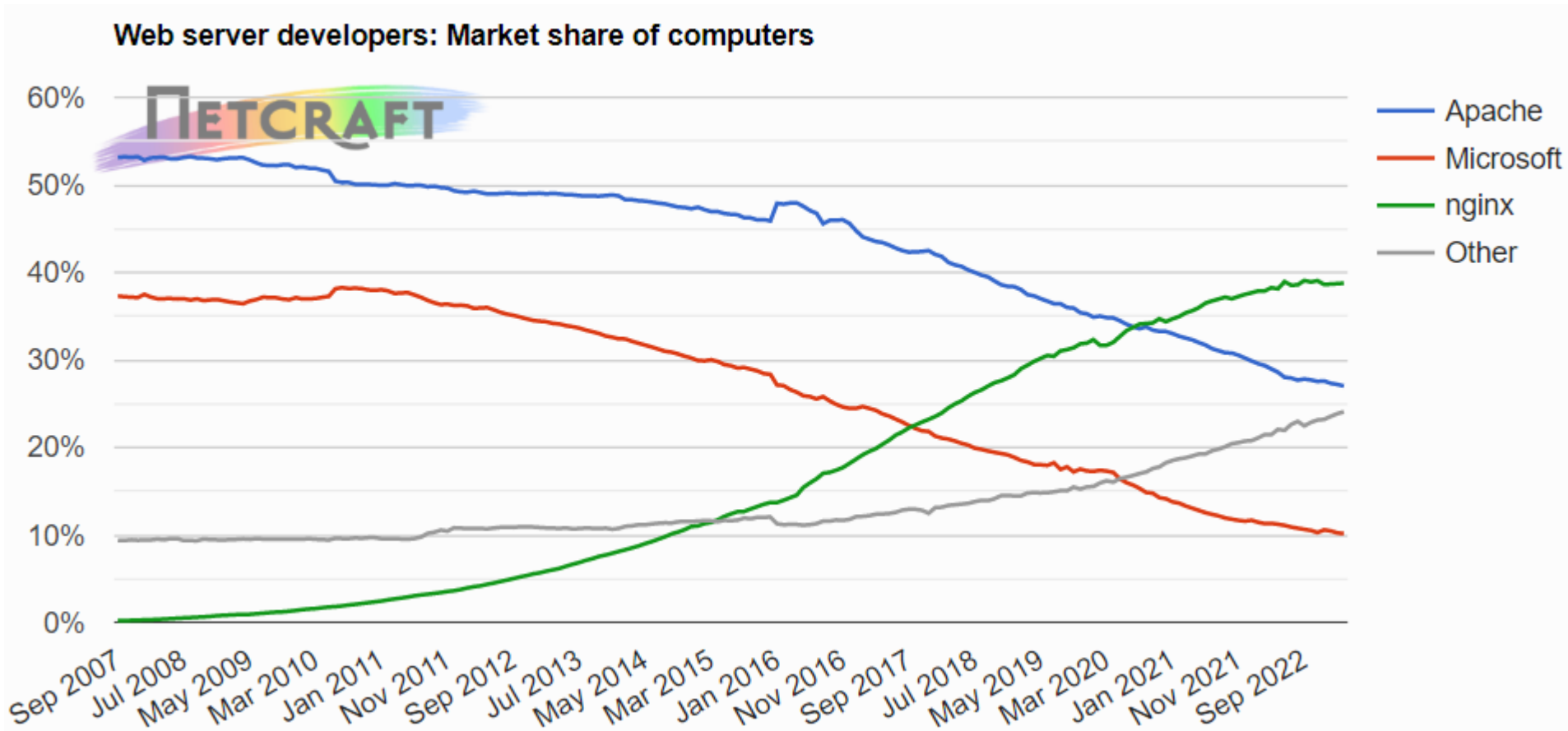
Fonte: <https://news.netcraft.com/archives/category/web-server-survey/>

Desenvolvedores de Servidores Web, top sites



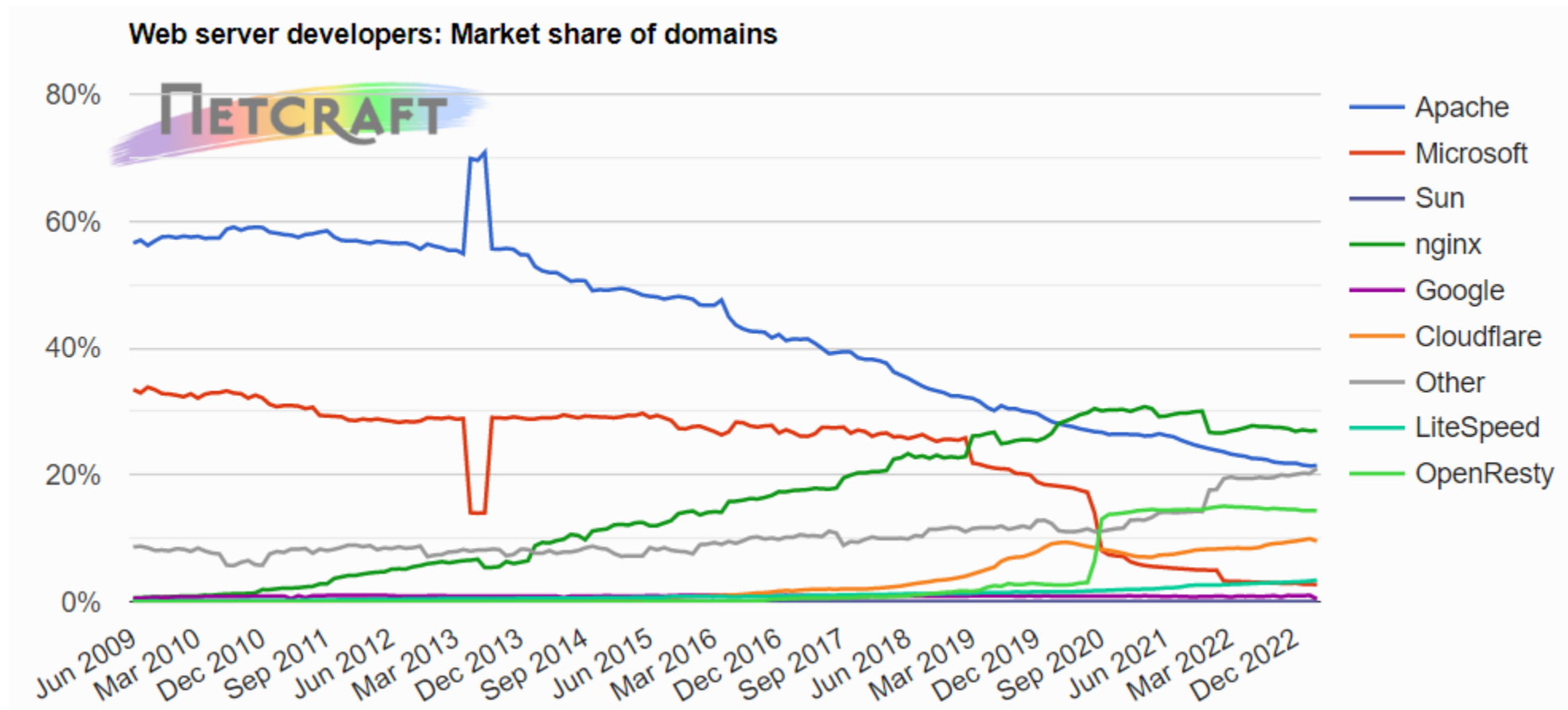
Fonte: <https://news.netcraft.com/archives/category/web-server-survey/>

Desenvolvedores de Servidores Web, computadores



Fonte: <https://news.netcraft.com/archives/category/web-server-survey/>

Desenvolvedores de Servidores Web, domínios



Fonte: <https://news.netcraft.com/archives/category/web-server-survey/>

BOA SORTE!

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