

Evolução da *internet* e novos processos de negócio

Gestão de Informação e dos Processos de Negócio

Pergunta 1 – (25 pontos)

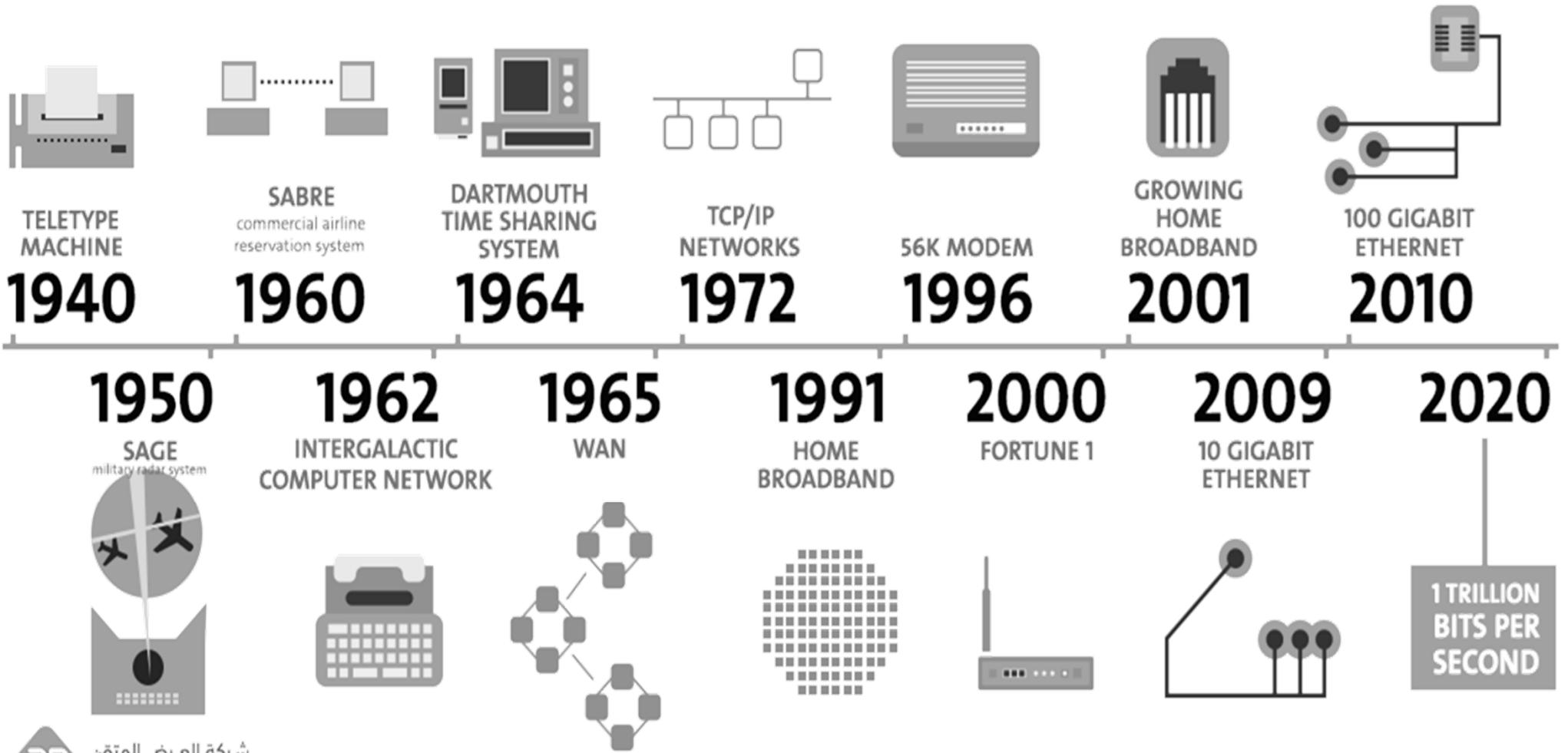
Dizer a “Internet” ou a “web” é referir-se à mesma coisa?





<https://www.youtube.com/watch?v=9hIQjrMHTv4>

Evolução da infraestrutura de redes

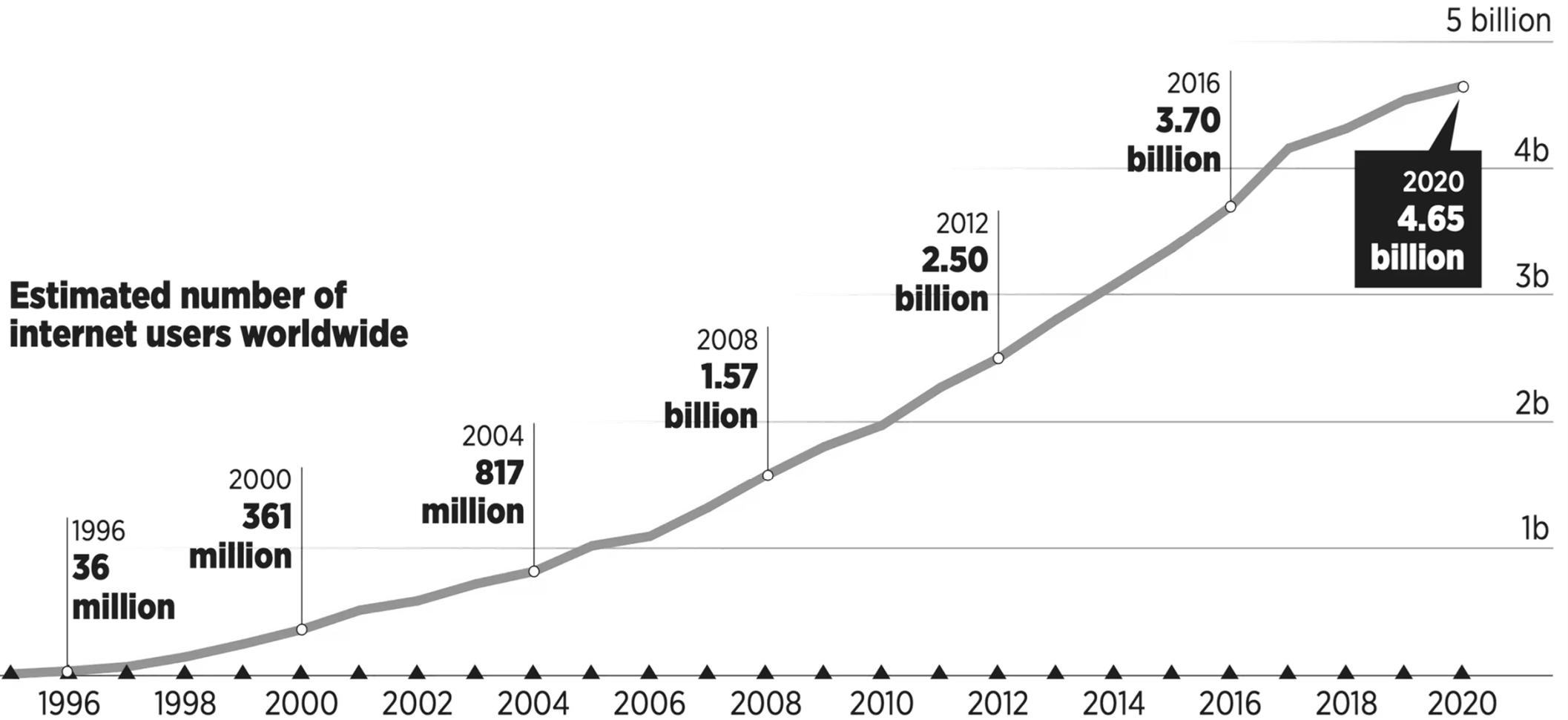


A Word Wide Web

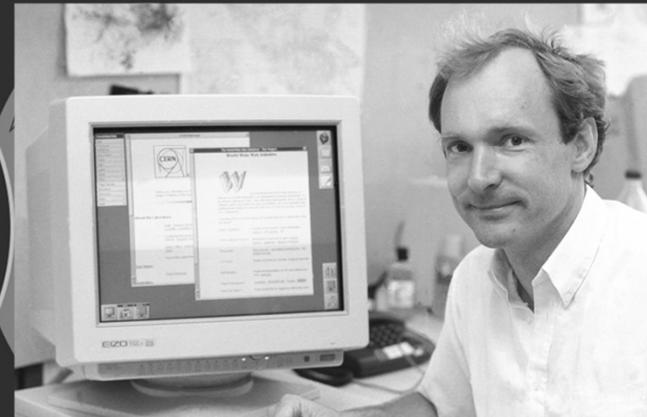


<https://www.bbc.co.uk/bitesize/articles/z2nbgk7#z94tn9q>

Evolução do número de utilizadores da *internet*



Evolução do software da *internet*



Evolução do software da *internet*

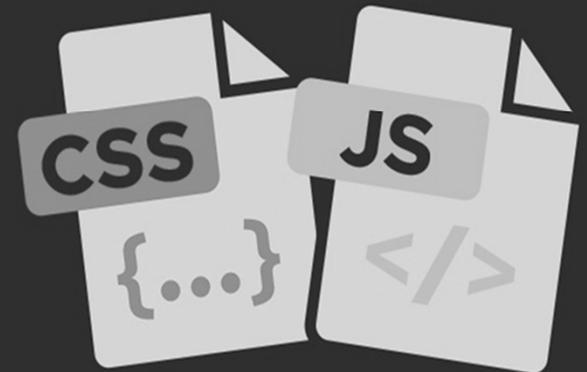


1992

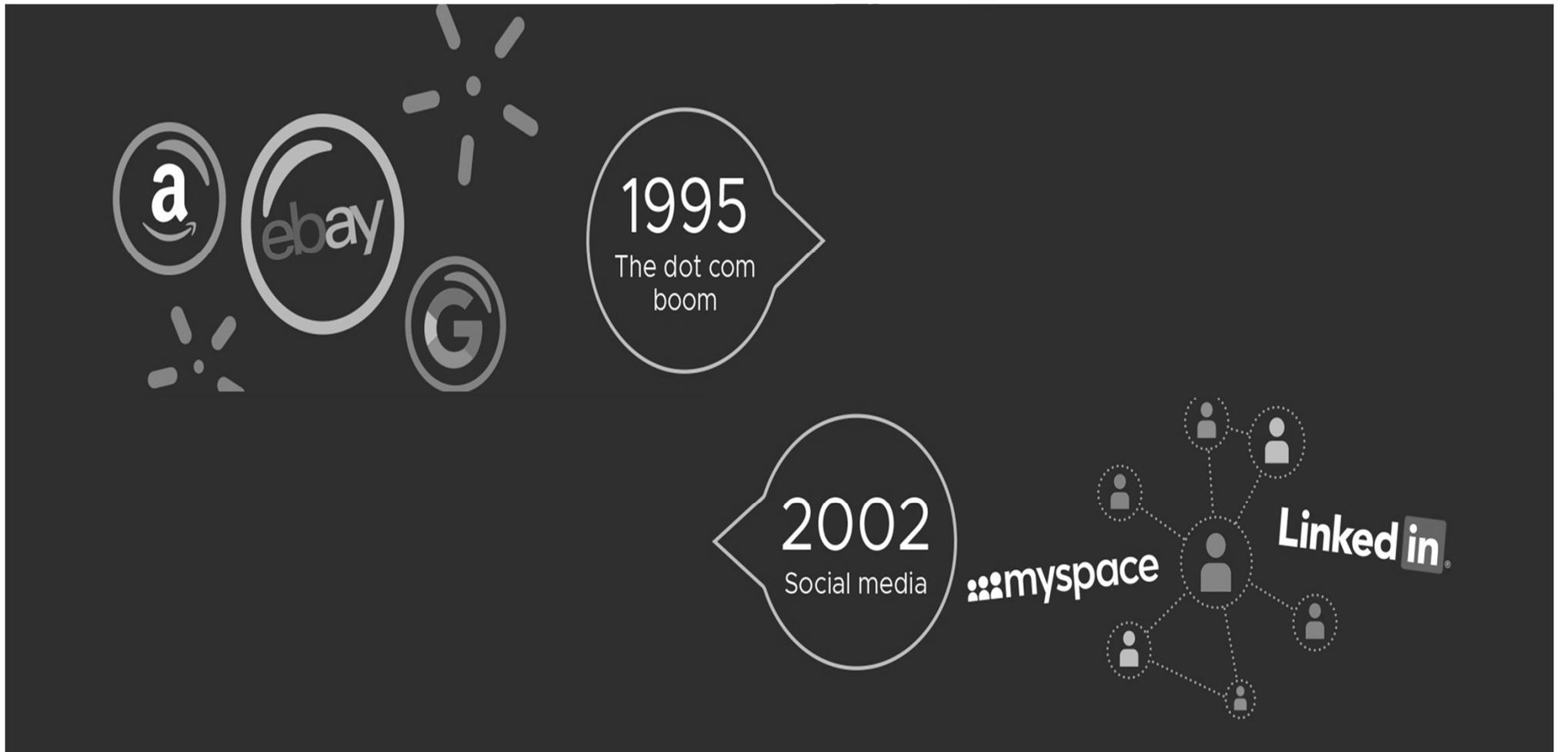
The first
browsers

1995

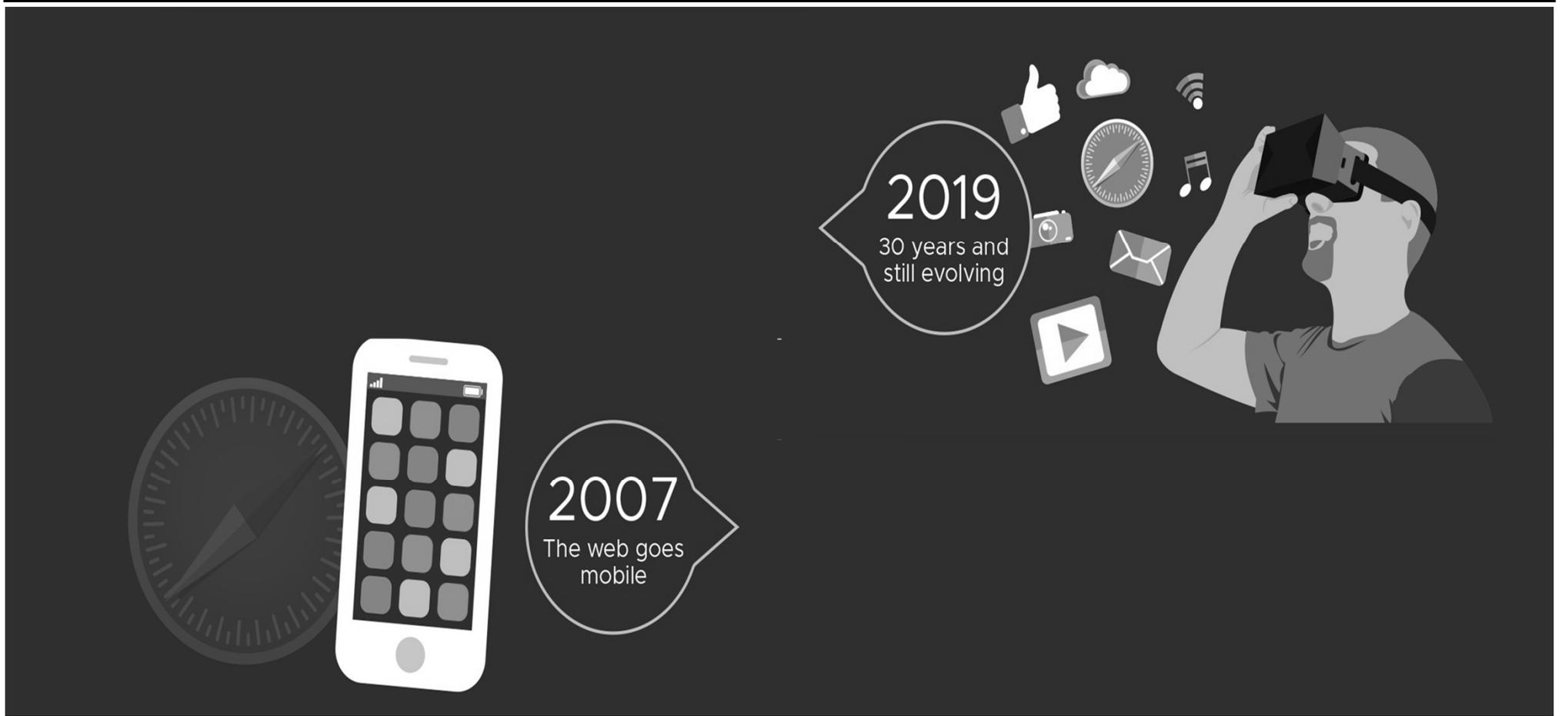
Incorporating
CSS and
JavaScript



Evolução do software da *internet*



Evolução do software da *internet*



Pergunta 1

The open nature of the world wide web means innovation happens at a rapid pace and frequent conversations regarding net neutrality will continue for some time. Will we be browsing the web with VR headsets on in a few years? Will our World Wide Web need to reach out to other planets? We shall see!

2019
30 years and still evolving

Some early attempts to put the internet on your phone gave us WAP sites, but it was 2007's launch of the iPhone which truly made the web mobile. It was this innovation that slowly made the responsive web site the only sensible approach to designing web pages.

2007
The web goes mobile

2002 saw the launch of some social networks you may remember, MySpace, Friendster and everyone's favourite; LinkedIn. This social media emergence mirrored the increasing ubiquity of internet access in the home. Have you heard of Facebook? That launched just after in 2004.

2002
Social media

The dot com boom from 1995-2000 saw millions made (and subsequently lost) as investors poured money into unstable start ups in the hopes of huge returns. Of course those investors that backed the likes of Google, Amazon and eBay are pretty happy with their decision.

1995
The dot com boom

Building upon the steady growth, 1995 saw the first signs of CSS and JavaScript, helping to evolve web pages from static documents to the start of the rich media experience we have grown so accustomed to today.

1995
Incorporating CSS and JavaScript

Over the next few years the main technologies of the World Wide Web were developed along with the first browser, also called the World Wide Web and the idea was shown to the world. Tim Berners Lee described it in 1991.

1992
The first browsers

The WWW project was started to allow high energy physicists to share data, news, and documentation. We are very interested in spreading the web to other areas, and having gateway servers for other data.

1991
Welcome to the World Wide Web

The idea of a computer networking spanning the globe had appeared in science fiction for decades. But it was frustrations at CERN over sharing data that saw Tim Berners Lee, in 1989, turn his attention to sharing data from a multitude of different systems.

1989
Data sharing at CERN

Whilst formulating this new system it quickly became apparent just how far reaching the idea could be. From scientific circles to the spread to other academic disciplines and then (eventually) into the home.

Pergunta 2 – 25 pontos

Quantas fases já teve a Web?

1

2

3

4

5

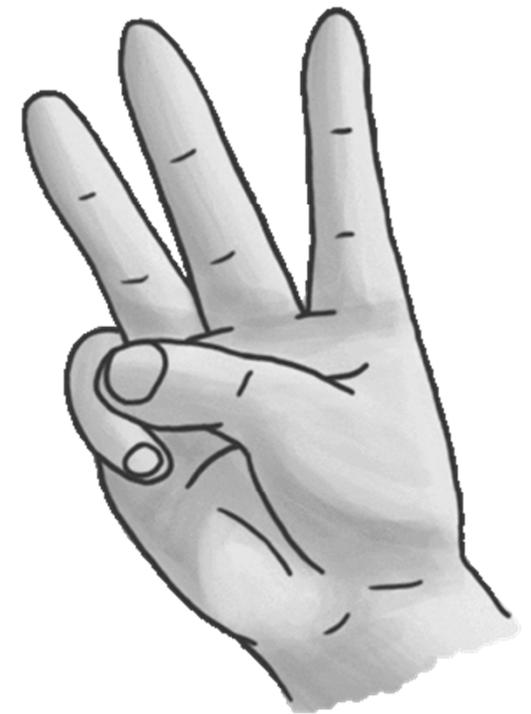
6

7

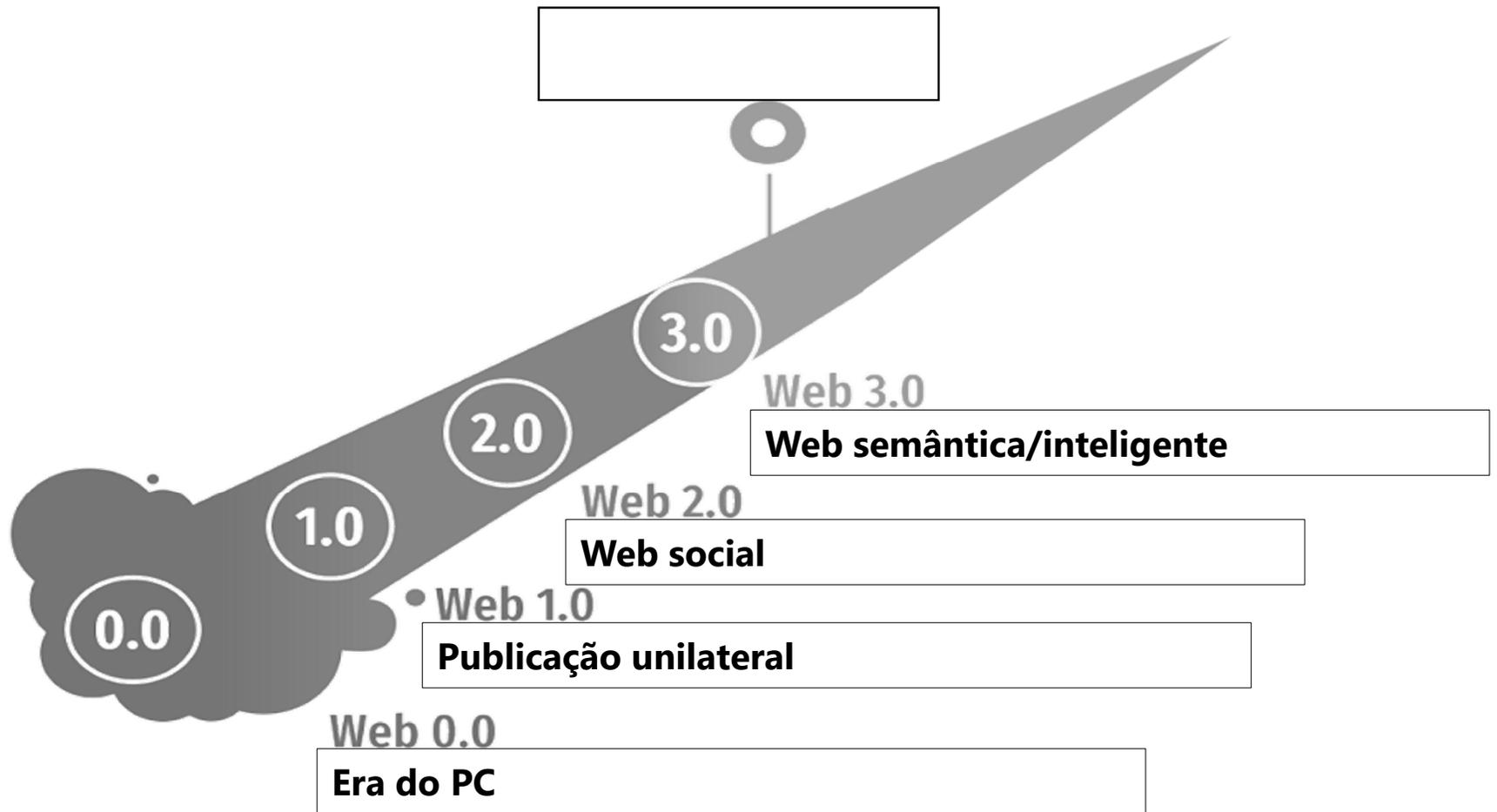
8

9

10



Fases da evolução da WEB



Web 1.0

A Web 1.0 foi o primeiro estágio da revolução da World Wide Web, geralmente chamada de Web somente leitura.

The screenshot shows the CNN.com homepage from August 15, 2000. The page features a search bar, navigation links for various news categories, and a main news article titled "Clinton says Democrats hold keys to bright future". A "BREAKING NEWS" banner at the top reports on a train derailment in Montana. The page also includes a "DEMOCRATIC CONVENTION LIVE" section with a video player and a list of other news items.

CNN.com Search [Play video](#) [Watch more CNN VIDEO](#)

myCNN | Video | Audio | [Headline News Brief](#) | [Free E-mail](#) | [Feedback](#) [CNN TV, Radio Networks](#)

August 15, 2000 -- Updated 12:52 a.m. EDT, 0452 GMT

WORLD
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SPORTS
TECHNOLOGY
SPACE
HEALTH
ENTERTAINMENT
POLITICS
LAW
TRAVEL
FOOD
ARTS & STYLE
BOOKS
NATURE
IN-DEPTH
ANALYSIS
LOCAL

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[news quiz](#)
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BREAKING NEWS Six cars of a Burlington Northern Santa Fe freight train have derailed in Montana, forcing evacuation of up to 400 people, a railway official reports. Three of the tanker cars contained a hazardous material, the official says. No leaks have been reported.

CNN ON TV: Democratic Convention Coverage
 Watch Live on CNN (all times EDT)
 • 7 a.m.: Bill Bradley's take on the convention
 • 8 a.m.: Patrick Kennedy on his dad's address
 • 3 p.m.: TalkBack Live on the women's vote

Watch interview with Hillary Clinton and other video highlights. Live coverage begins at 4:30 p.m. EDT

DEMOCRATIC CONVENTION LIVE

Clinton says Democrats hold keys to bright future

Saying the Democratic Party holds the keys to "progress and prosperity," President Clinton made the case for the election of his protege, Vice President Al Gore, in an emotional address to the party convention Monday night.

"Are we going to keep this progress and prosperity going? Yes we are," Clinton told convention delegates, who cheered at length and chanted as he began the night's major address.

FULL STORY

IN-DEPTH: DEMOCRATIC CONVENTION

- [Convention opens to protests, rubber bullets](#)
- [Gore boasts of a better health care plan](#)
- [Hillary Rodham Clinton speech transcript](#)

In Other News:

- [Bad weather hampers Russian submarine rescue](#)
- [Tropical Storm Beryl bears down on Texas-Mexico border](#)
- [North and South Korea prepare for first family reunions since 1985](#)
- [China noncommittal on Arafat's timetable for Palestinian state](#)

Sports:

- [Titans dominate Rams in first Monday night game in Nashville](#)
- [Thompson sets record in 100-meter freestyle](#)
- [Monday's Major League scoreboard](#)

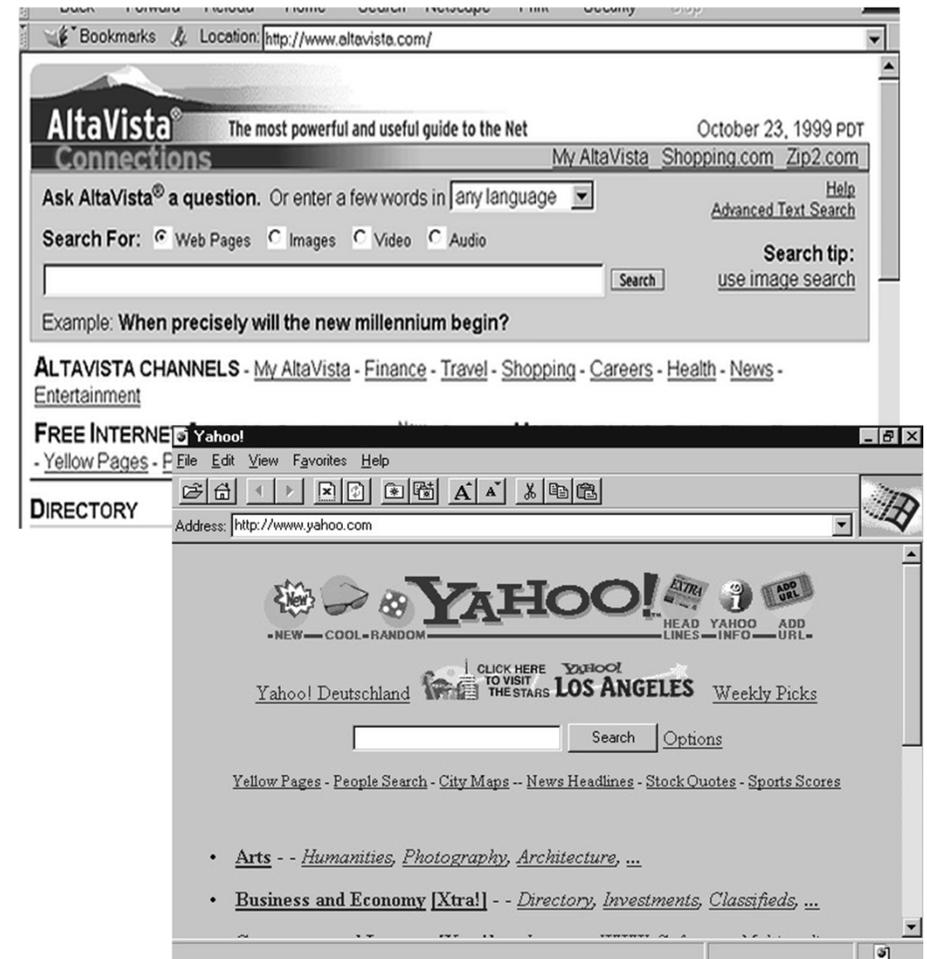
Features:

- [Northern lights join meteors in dazzling sky](#)

Waiting for web.archive.org...

Web 1.0

Os sites eram informativos e continham apenas conteúdo estático com *hiperlinks* ou, em palavras simples, não havia CSS, links dinâmicos, interatividade como login dos utilizadores, comentários nos posts de blogs, etc.



Web 1.0

Na era da Web 1.0, ou seja, de 1991 a 2004, os utilizadores da Internet eram consumidores de conteúdos, criados por criadores de conteúdos.



WEB 1.0 { HTML, PORTALS }



WEB MASTER



STATIC WEB

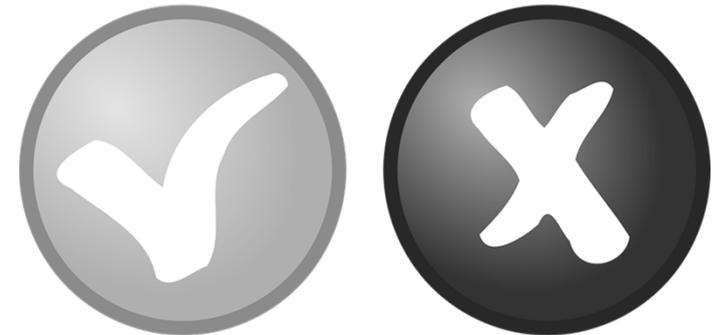


USERS

Pergunta 3 – 25 pontos

Ainda existem páginas web assentes em Web 1.0?

 WEB 1.0 { HTML, PORTALS }



Pergunta 3 – 25 pontos

BLOCO de Not@s

Disciplinas

Arquivo

Ligações

Este espaço pretende ser uma forma reforçada de contacto entre os alunos e as aulas, procurando ajudar na organização do estudo e no aproveitamento escolar

Notícias & Atualidade



Ano letivo 2024-2025

1.º Semestre 2024/2025



Gestão da Informação e dos Processos de Negócio

2024-11-06 **Novo!**
Alteração da data da Frequência e do Trabalho de análise: estava 16 de dezembro, quando deveria estar dia 20 de dezembro, como divulgado pelo Diretor de Curso.

2024-09-09
Já está disponível o conteúdo online



Cálculo Financeiro (Economia)

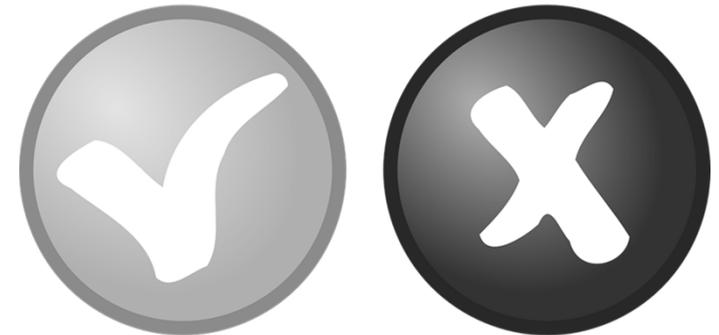
2024-10-30 **Novo!**
Já está disponível a classificação da Frequência #1.

2024-09-19
As salas de aula para os 2 turnos foram alteradas. Assim os turnos passarão a ter:

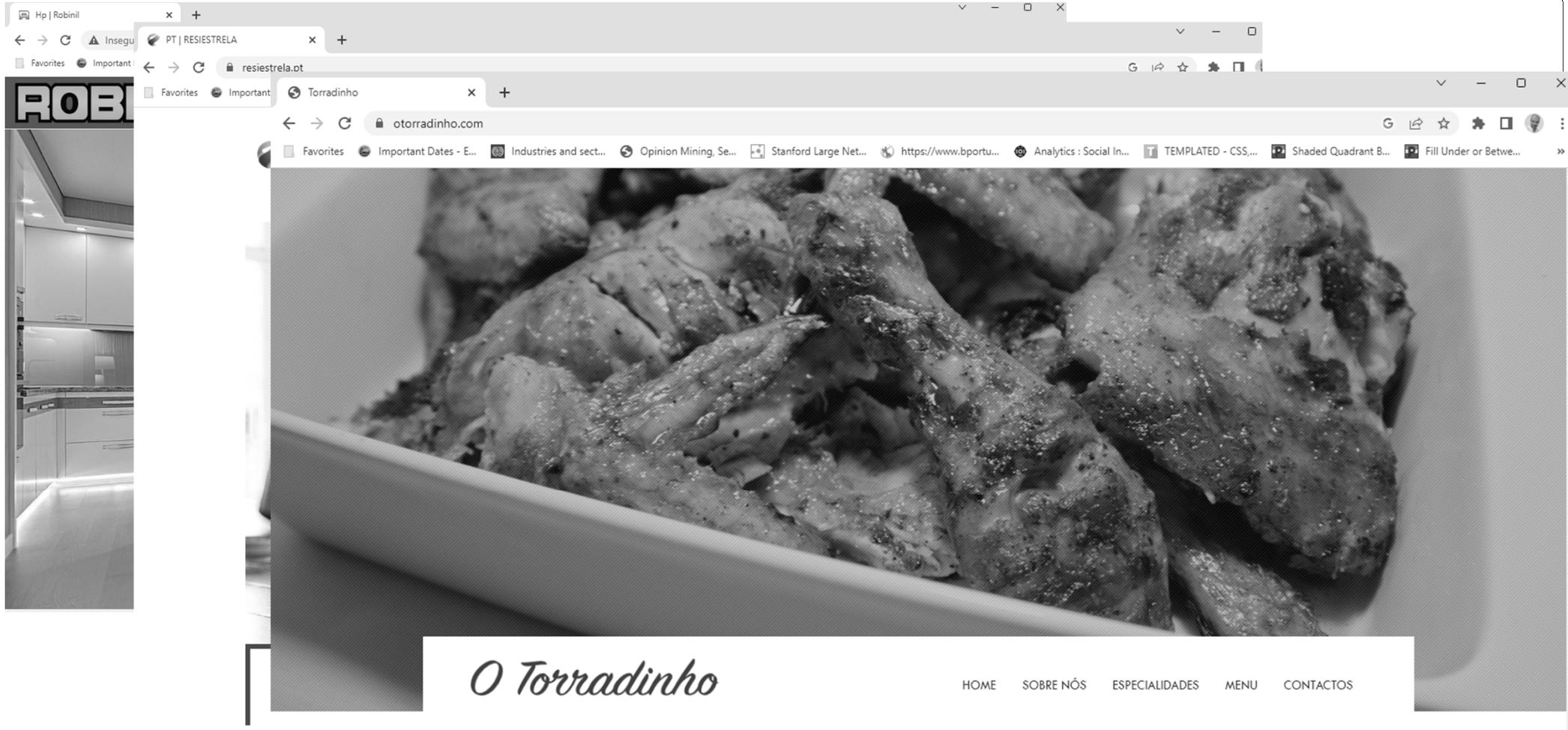
Pergunta 4 – 25 pontos

Ainda existem negócios com *sites* assentes em Web 1.0?

 WEB 1.0 { HTML, PORTALS }

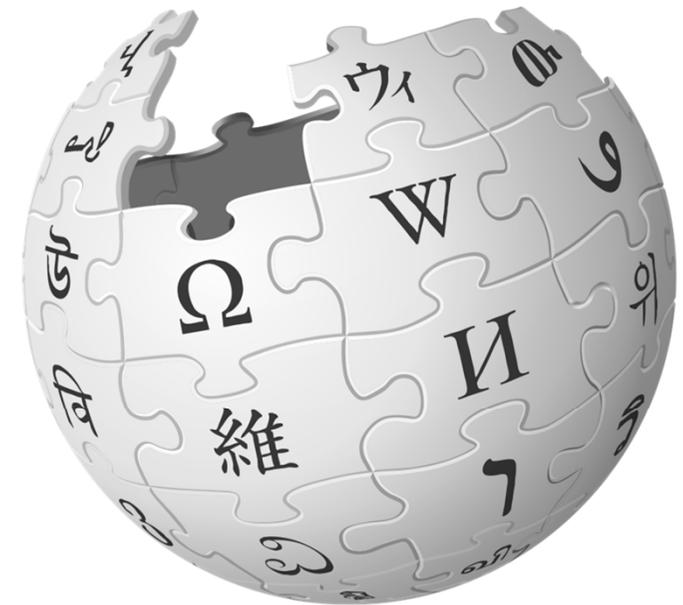


Pergunta 4 – 25 pontos



Web 2.0

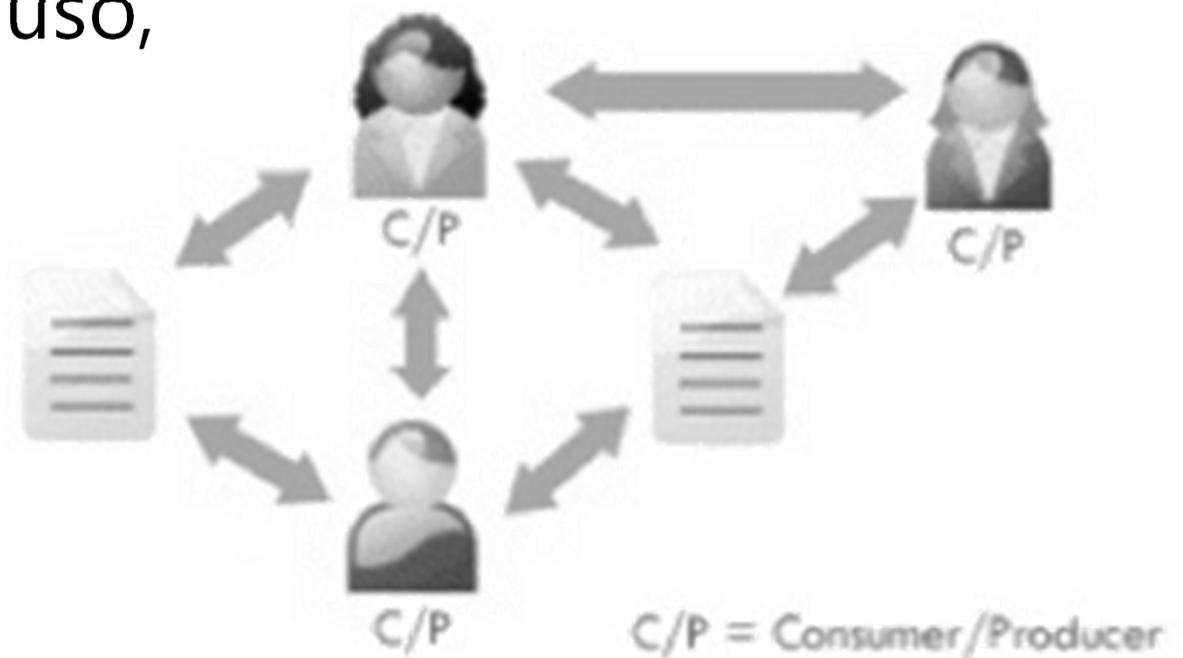
A Web 2.0, de 2004 até agora, é o segundo estágio da revolução da *World Wide Web*, geralmente chamada de Web de leitura e gravação.



WIKIPÉDIA
A enciclopédia livre

Web 2.0

A ênfase foi dada ao conteúdo gerado pelo utilizador, facilidade de uso, cultura participativa e interoperabilidade.



Web 2.0

Algumas das primeiras plataformas baseadas na Web 2.0 são o YouTube, Facebook (Meta), Amazon e assim por diante. Devido às tecnologias *Content Management System CMS*, a criação de uma loja de comércio eletrônico tornou-se extremamente popular.



facebook

amazon

Web 2.0

A Web 2.0 trouxe uma mudança fundamental, onde as pessoas podem compartilhar suas perspectivas, opiniões, pensamentos e experiências por meio de uma variedade de ferramentas e plataformas online.



facebook

amazon

Web 2.0



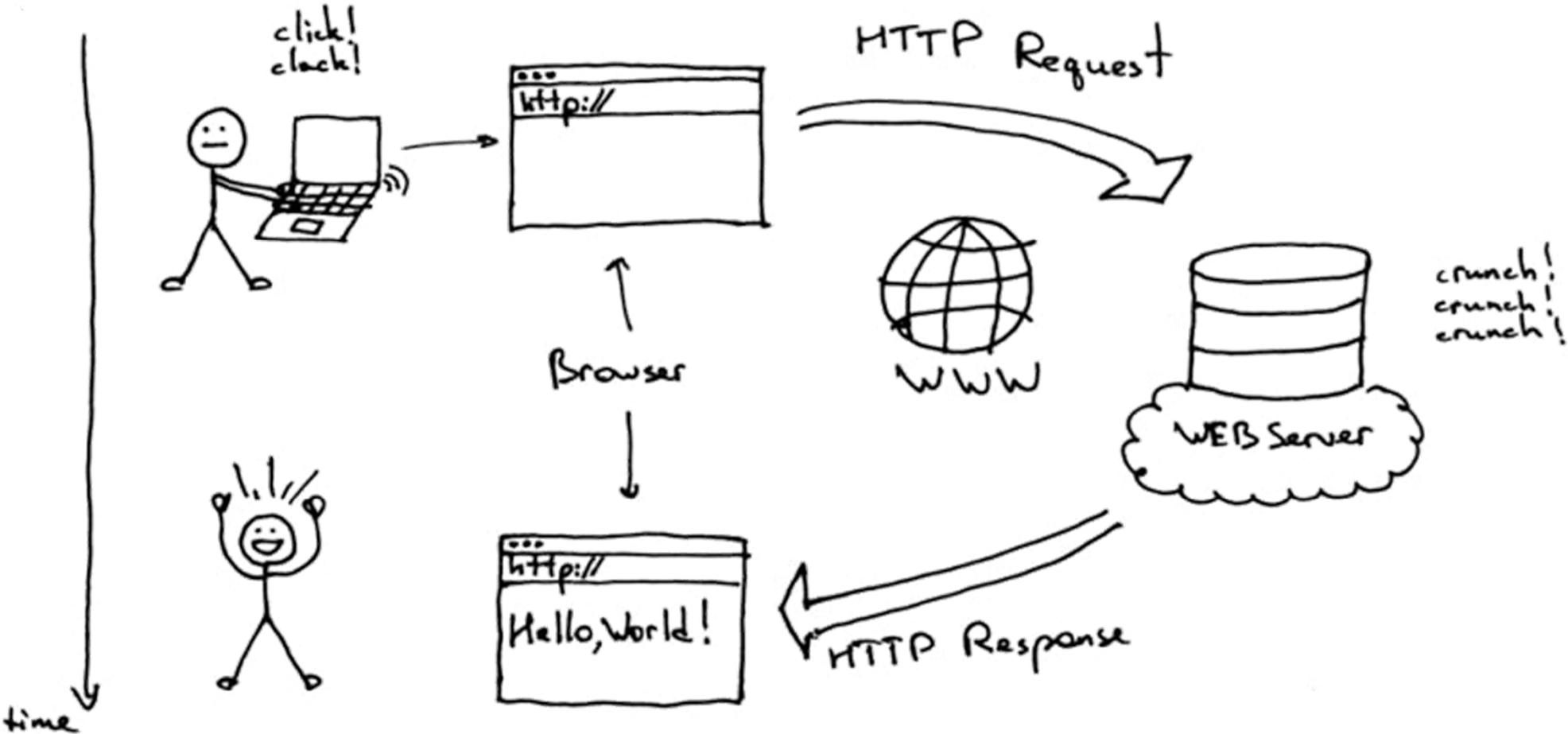
Created with Wix

Web 2.0

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Web 2.0



Pergunta 5 – 25 pontos

Em 2005, o autor James Surowiecki cunhou uma expressão muito associado à Web 2.0. Tal expressão é:

- a) The crowd wisemen;**
- b) The social wisdom;**
- c) The wisdom of the crowds;**
- d) The crowd funding.**

Pergunta 5 – 25 pontos

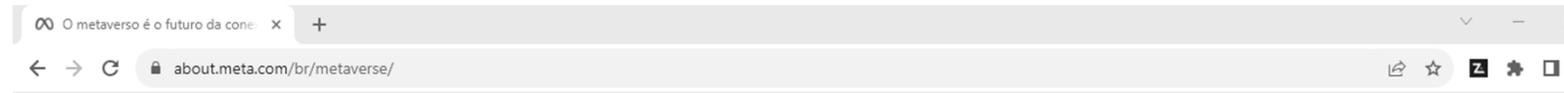
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- b) **The social wisdom;**
- c) **The wisdom of the crowds;** 
- d) **The crowd funding.**

Web 3.0



Web 3.0



Meta

Quem somos

Nossas tecnologias

O metaverso

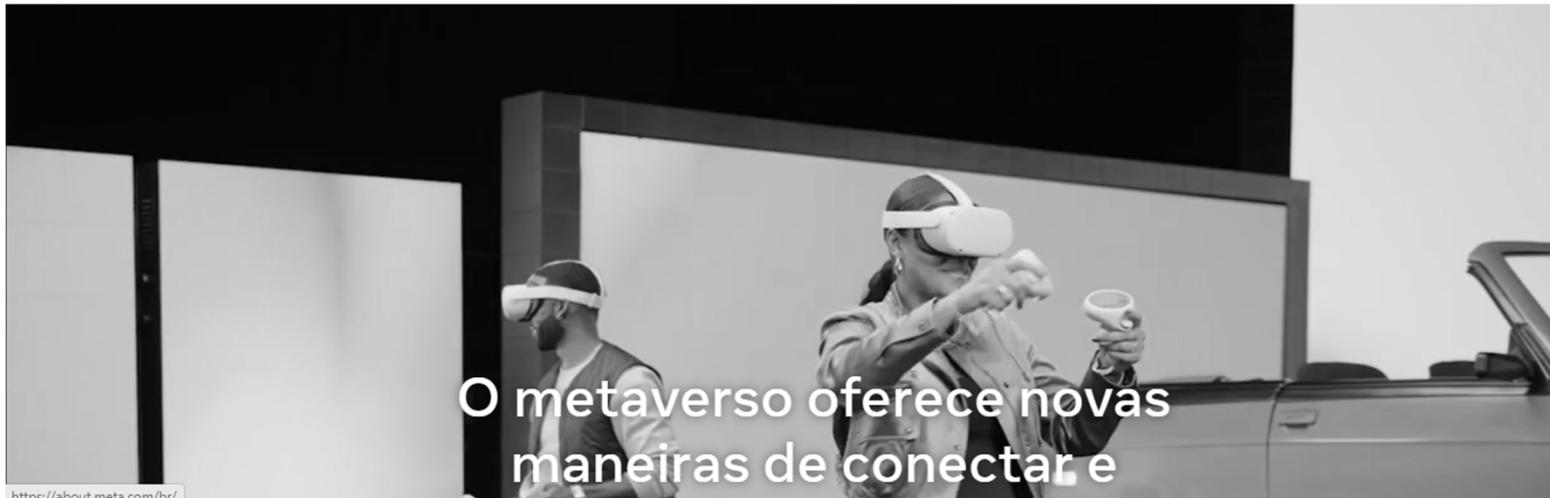
A Meta e você

Comprar na Meta

Notícias

Suporte

Acreditamos no futuro da conexão no metaverso

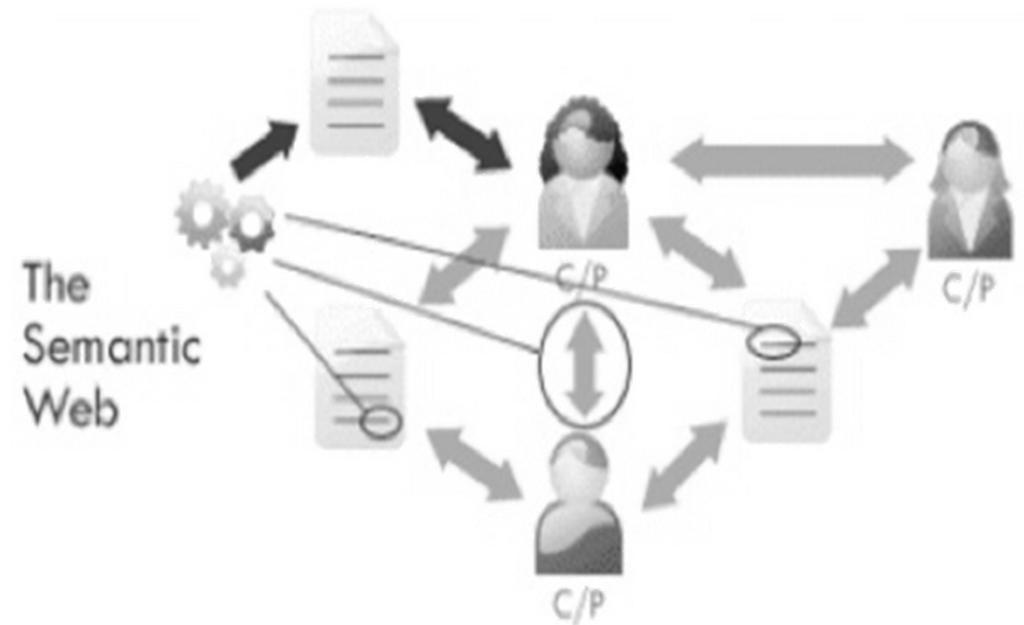


O metaverso oferece novas maneiras de conectar e

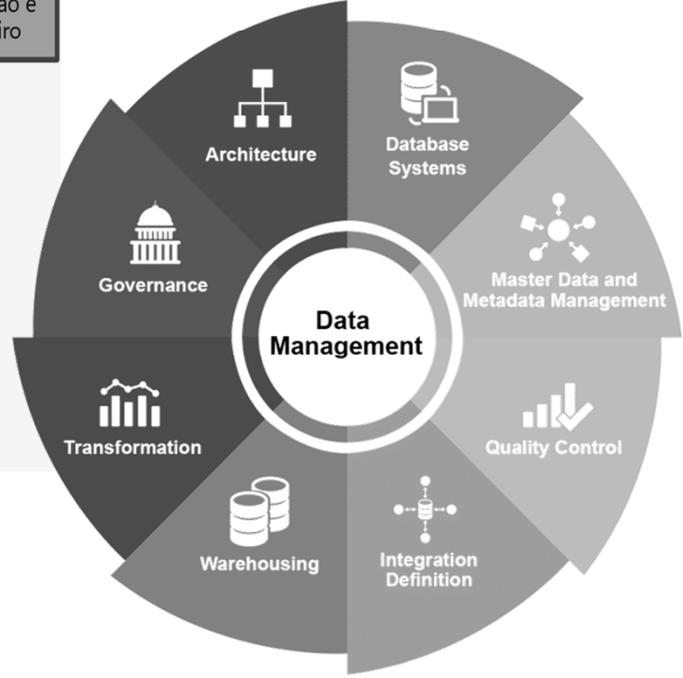
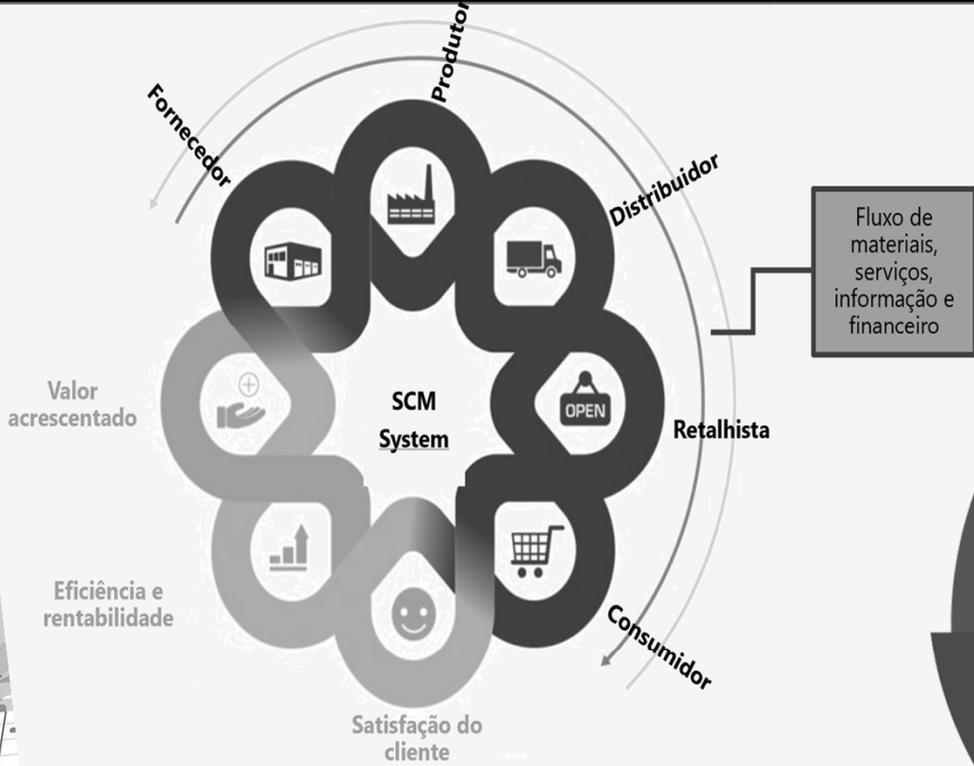
<https://about.meta.com/br/>

Web 3.0

As máquinas “aprendem” a entender o conteúdo dos documentos.



Web 3.0



Pergunta 6 – 25 pontos

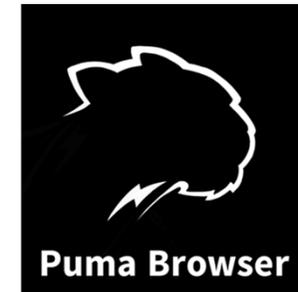
Descubra os nomes dos browsers, baseados na Web 3.0, que têm os seguintes logotipos:



OSIRIS Browser
ENVISION WEB 3.0



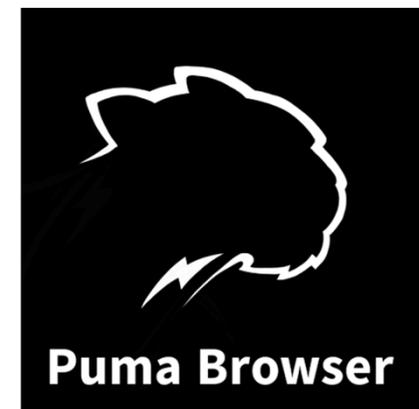
Opera



Puma Browser

Pergunta 6 – 25 pontos

Descubra os nomes do browsers, baseados na Web 3.0, que têm os seguintes logotipos:



Pergunta 6 – 25 pontos

Puma Browser Careers [Blog](#) [About](#)

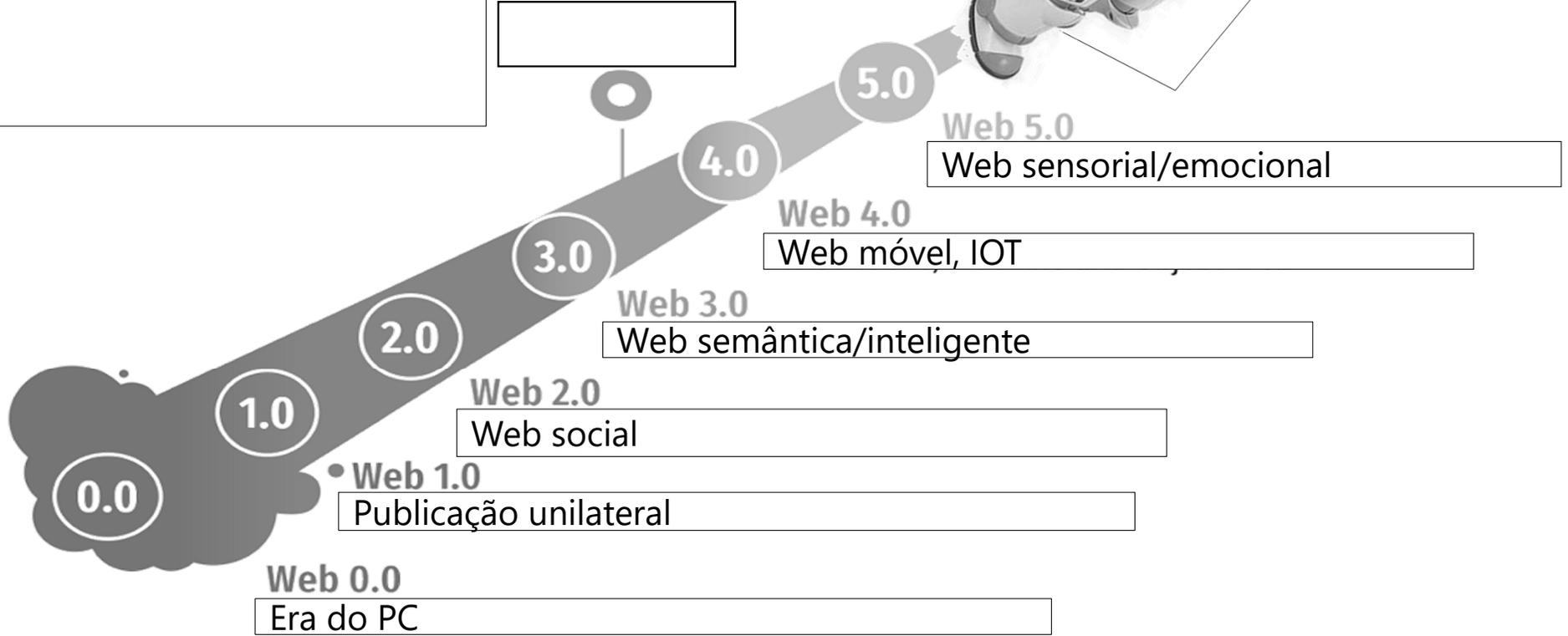
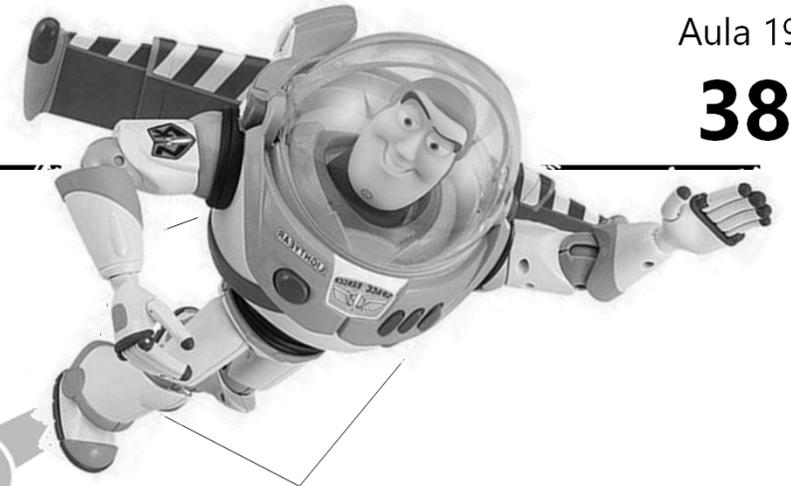
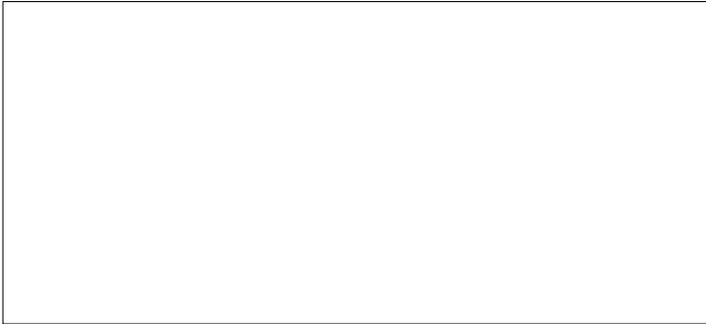
Experimental crypto & ai mobile browser

Puma is a cutting edge browser focused on making new crypto protocols and LLMs easy to discover and use on your mobile phone. Private by design.

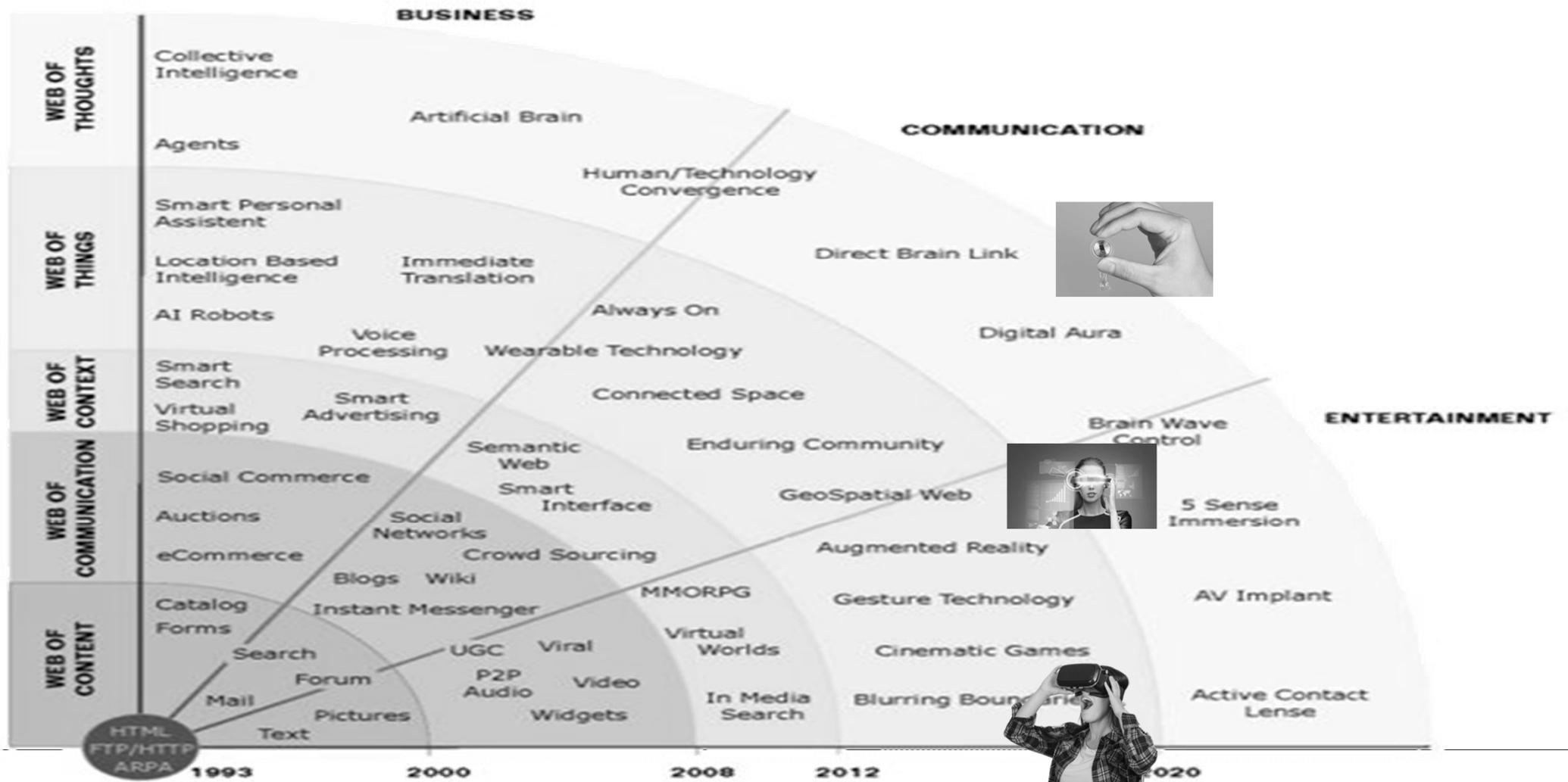
Today, we enable native IPFS, HNS & ENS support and first version of OpenAI (iOS/Android) and Anthropic (Android) API integrations.

Writing Universe

Para o infinito e mais além!



Fases da evolução da WEB



Fases da evolução da WEB

Aula 19

40

PCMag editors select and review products independently. If you buy through affiliate links, we may earn commissions, which help support our te

New Technology > Best New Gadgets

The Best Smart Glasses You'll Actually Want to Wear

They may look like ordinary eyewear, but these futuristic frames are transforming how we interact with the world.

BY BRANDON RUSSELL AND HUNTER FENOLLOL UPDATED: AUG 06, 2024 3:18 PM EDT

JUMP TO PRODUCTS

SAVE ARTICLE



Home > Best Products > VR

The Best VR Headsets for 2024

Immerse yourself in new worlds with the best standalone and tethered virtual reality headsets we've tested.



By Will Greenwald

Updated November 5, 2024



LOOK INSIDE PC LABS: [HOW WE TEST](#)

65 EXPERTS

42 YEARS

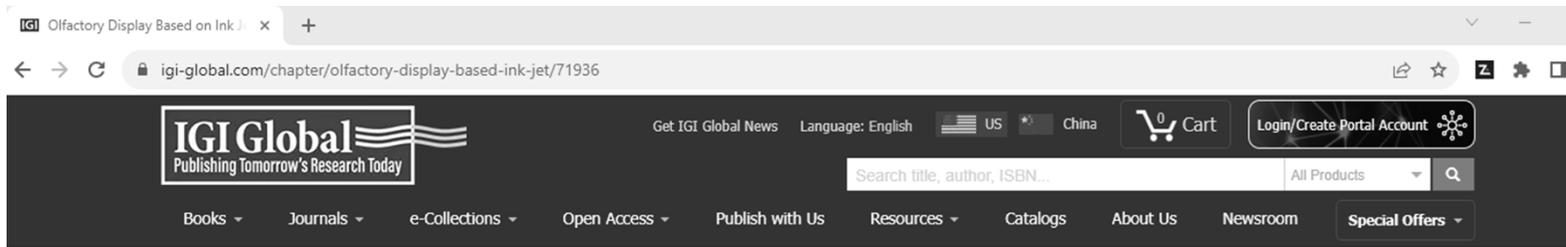
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Our team tests, rates, and reviews more than 1,500 products to help you make better buying decisions and get more from

Table of Contents

PCMag has covered virtual reality since the original [Oculus Rift Development Kit](#) launched more than a decade ago. From then on, we've tested every major VR headset, including experimental AR devices like [Google Glass](#) and the Microsoft HoloLens (not to mention the growing variety of [smart glasses](#)). These days, there are headsets in every shape, size, and price, from the entry-level, wire-free Meta Quest 3S, to the PC-tethered Valve Index, to the class-leading Apple Vision Pro. We've thoroughly tested these models, evaluating them for their graphical capabilities, motion tracking, software library, comfort, user experience, and value. Read on for our top picks, followed by

Fases da evolução da WEB



Olfactory Display Based on Ink Jet Printer Mechanism and Its Presentation Techniques

Sayumi Sugimoto, Kenichi Okada
 Source Title: Human Olfactory Displays and Interfaces
 Copyright: © 2013 | Pages: 14
 DOI: 10.4018/978-1-4666-2521-1.ch01

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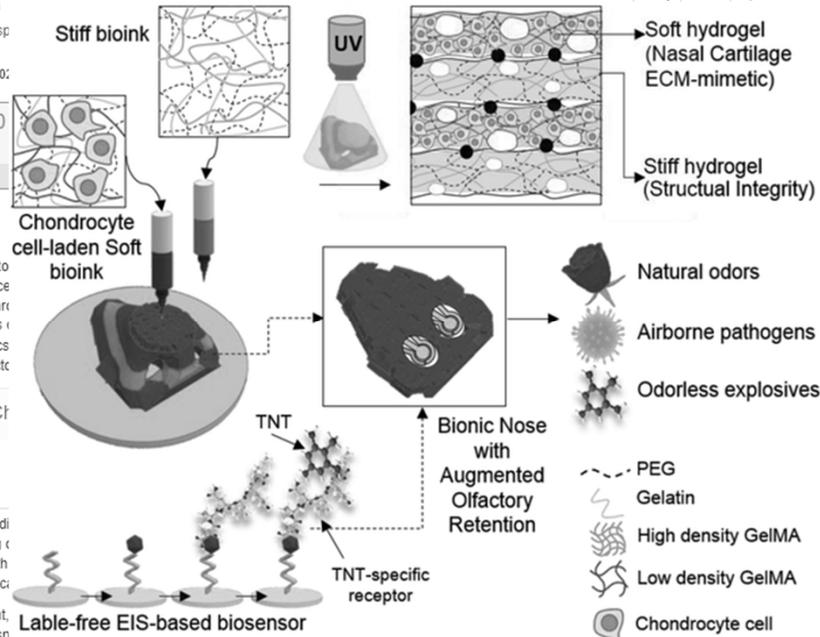
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Abstract

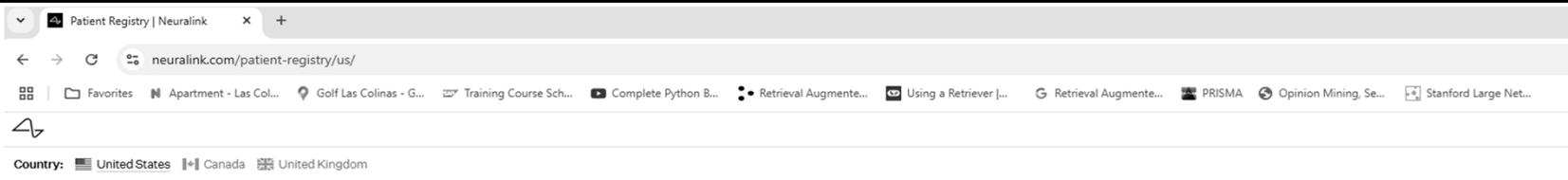
Considering the recent increase of interest in the transmission of olfactory information, based on an inkjet printer mechanism, which emits scent emissions of scents. By using pulse emission, the authors achieved human inspiration. Such synchronization is important because humans can detect and identify odors. By using pulse emission, the authors achieved human inspiration. Such synchronization is important because humans can detect and identify odors. By using pulse emission, the authors achieved human inspiration. Such synchronization is important because humans can detect and identify odors.

Background

Research on the transmission of olfactory information together with audio developing Sensorama, the first Virtual Reality (VR) system presenting olfactory information, was developed by Tominaga *et al.* (2001), provides users with an immersive environment, where the aroma is defined as the area in which a scent is present. Kaye (2004) describes several systems that add scents to Web content, and Osmozor (2011) are utilized in these systems. Another type of display



Fases da evolução da WEB



Join Neuralink's Patient Registry

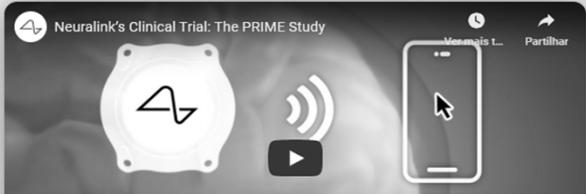
If you're interested in learning whether you may qualify for current and/or future Neuralink clinical trials, consider joining our Patient Registry.

If you have limited or no ability to use both hands due to cervical spinal cord injury or amyotrophic lateral sclerosis (ALS) you may qualify for the PRIME Study.

[Start Your Application ↗](#)

Current U.S. Clinical Trials

Neuralink's PRIME Study



Resumo



A Internet não é sinónimo de WWW e tal como a Internet, a WWW teve vários estádios ao longo do tempo.



Cada uma das fases da Web ainda podem coexistir nos dias de hoje, pelo que as fases não são mutuamente exclusivas.



Cada fase proporciona capacidades de implementar e potenciar negócios, bem como o seu desenvolvimento, entendimento e complexidade.