

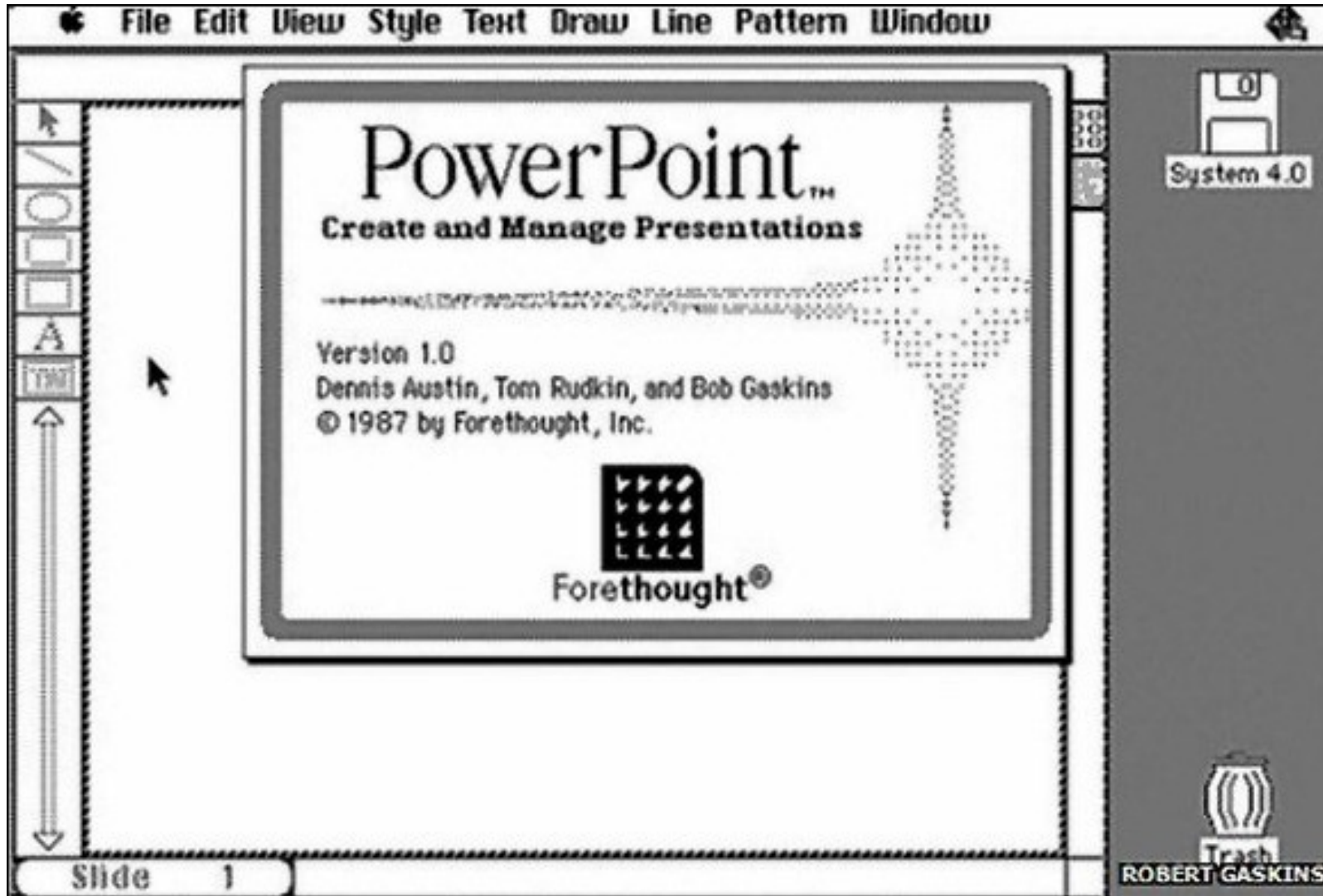
# História da Computação

De 1990 a 1999

# 10. O Mundo se Conecta na World Wide Web

- Os anos 1990 viram o crescimento vertiginoso da World Wide Web e das ferramentas relacionadas a ela, como os browsers Mosaic, Netscape e Internet Explorer, e os buscadores como o Wanderer, Altavista e Google.
- Se os anos 1980 foram marcados pela Guerra dos Clones contra a IBM, os anos 1990 foram marcados pela Guerra dos Browsers, que quase levou a Microsoft a ser dividida em duas empresas.
- Várias novas linguagens de programação especialmente voltadas para a Web foram criadas neste período, tais como Java, PHP, Python, Ruby e JavaScript.
- Os anos 1990 também viram a miniaturização dos dispositivos computacionais, com o surgimento dos palmtops, como o Pilot e o primeiro smartphone, chamado Simon.
- Além disso, a miniaturização dos dispositivos de armazenamento de dados também continuou, com o surgimento dos flash drives.
- Para fechar com “chave de ouro”, o mundo se viu às voltas com o famoso “bug do milênio” que mostrou de uma vez por todas o quanto a sociedade já estava à mercê da computação... e de seus equívocos.

# 10.1 PowerPoint – 1990



Robert Gaskins

## 10.2 Python – 1991



Guido van Rossum (Holanda, 1956)



# 10.3 Linux – 1991

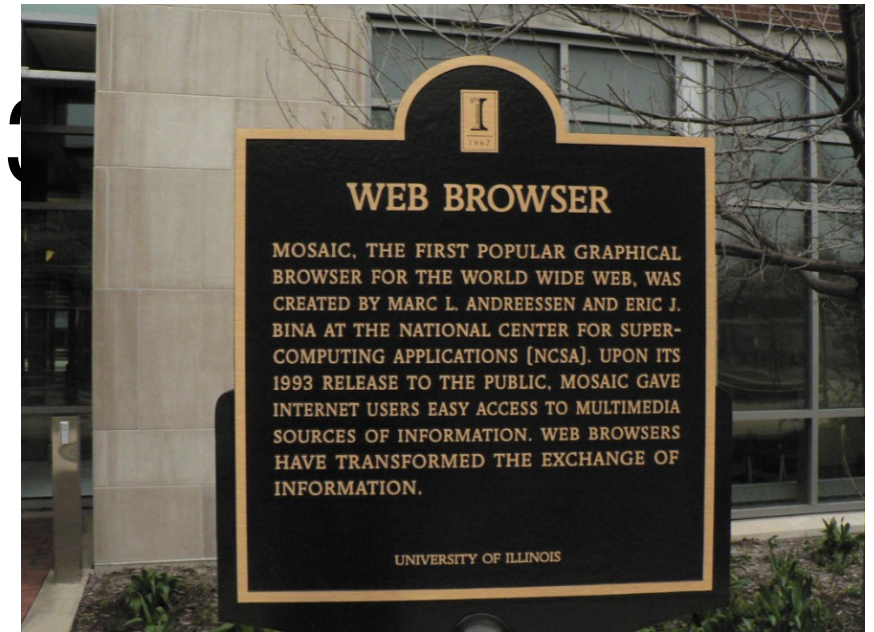
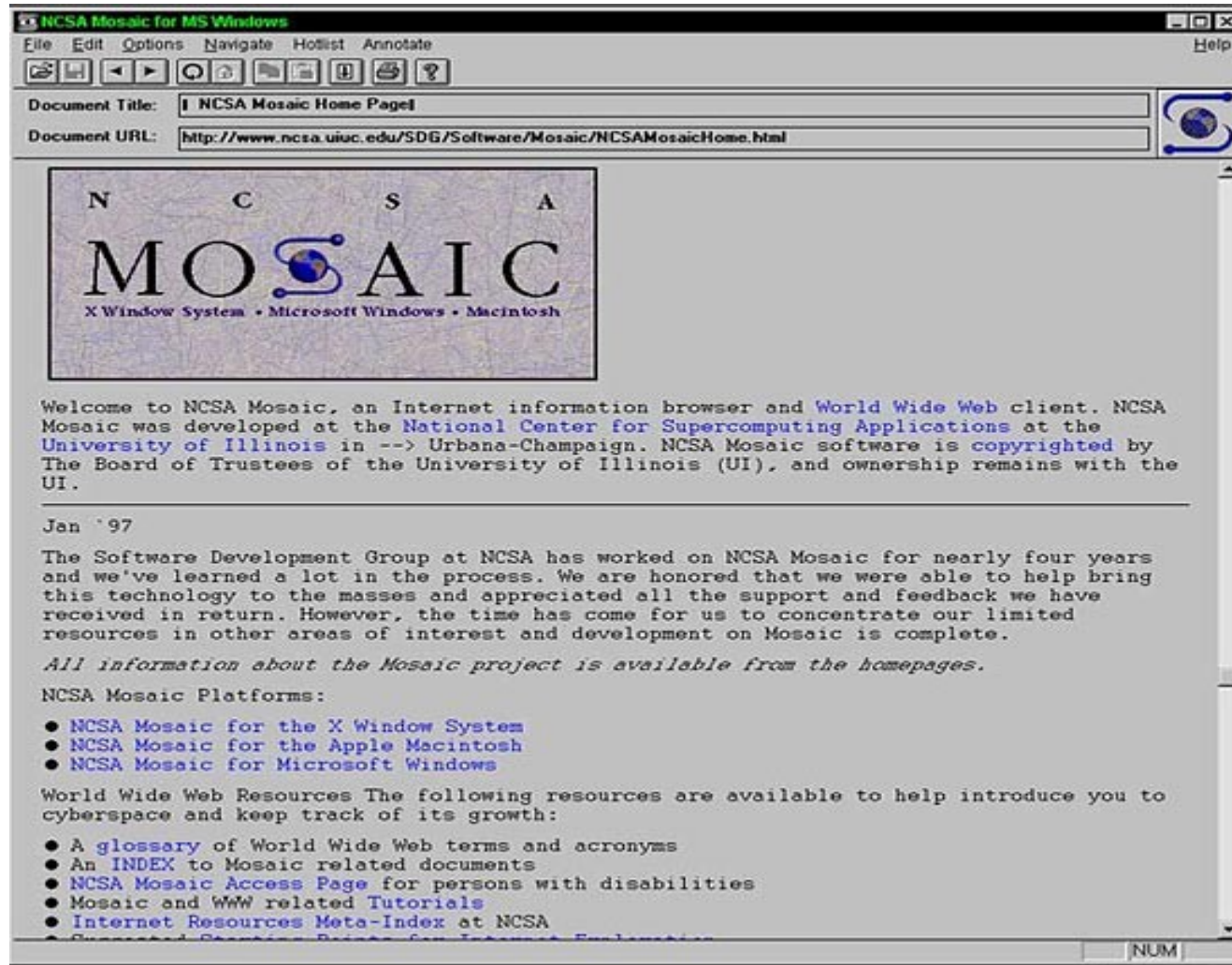


Linus B. Torvalds (Finlândia, 1969)





# 10.4 NCSA Mosaic – 1993



Eric Bina  
(Estados  
Unidos, 1964)



Marc Andreessen  
(Estados Unidos,  
1971)

## 10.5 Pentium – 1993





## 10.6 Wanderer – 1993

Tabela 10-1: Relatório do Wanderer.<sup>10</sup>

Mês	Nº de sites	% sites .com
06/93	130	1,5
12/93	623	4,6
06/94	2.738	13,5
12/94	10.022	18,3
06/95	23.500	31,3
01/96	100.000	50,0



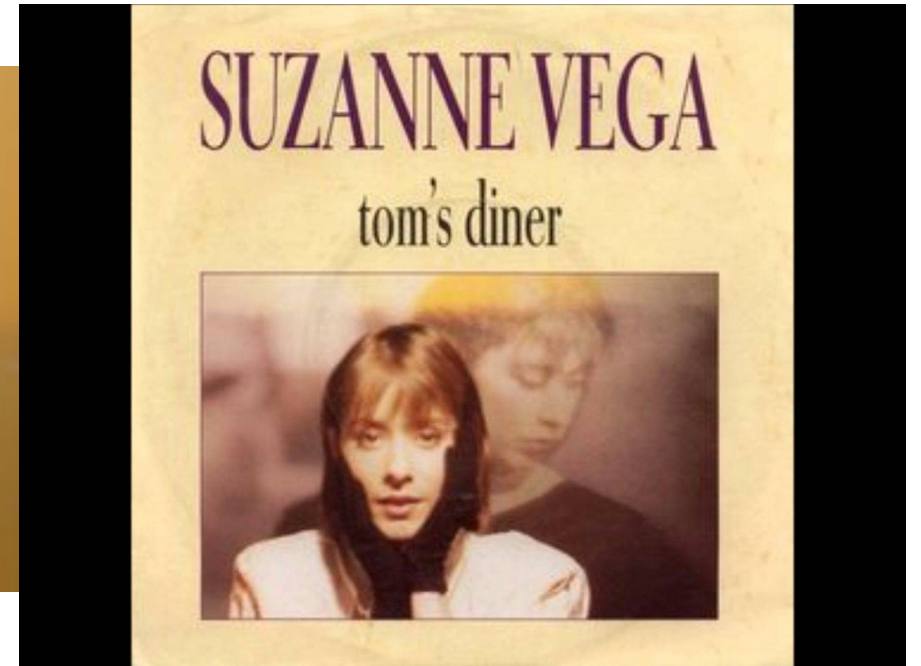
Matthew Gray



## 10.7 MP3 – 1993



Karlheinz Brandenburg (Alemanha, 1954)



# 10.8 Yahoo! – 1994

David Filo (Estados Unidos, 1966) e Jerry Yang (Taiwan, 1968)





# 10.9 Simon Personal Communicator – 1994



## PRODUCT OF THE MONTH

### BellSouth Cellular/IBM Release Simon PDA

The Simon™ Personal Digital Assistant (PDA) is a departure from the electronic

E-mail through appropriate E-mail post offices that support remote dial-in.

note pad approach of previous models in the market. As Bill Lempesis, editor and publisher of PenVision summed up, "What executives really want is a cellular phone, a pager, a notebook computer." In this context, Lempesis described Simon as the "first implementation that consciously takes all the gadgetry of the modern business executive and puts it into one unit."

Simon's pen-based screen interface is nestled inside a cellular telephone, and includes two-way wireless fax, paging, and E-mail capabilities for mobile communication. Other features included in Simon are a calendar, appointment scheduler and address book, calculator, and note pad/sketch pad. In conjunction with the pager, the PDA can be used to return calls from pages by the push of a button. Faxes can be annotated on-screen directly using a pen, or through a touch-screen keyboard. For E-mail, Simon is capable of using cc:Mail™ to send and receive



The Simon PDA

Simon takes advantage of a standardized operating system: the device is powered by an Intel-compatible microcomputer chip, and its underlying operating system is DOS, with an additional icon-based graphical user interface to help the user move through applications quickly.

In addition, Simon uses a standard Type II PCMCIA slot, which allows a standard card, coupled with appropriate software, to be coupled with the Simon PDA. Some possible capabilities include alphanumeric paging, E-mail retrieval from most types of public networks, a direct PC interface for up/downloading data, and expanded memory.

The Simon PDA measures 8 x 2.5 x 1.5 inches, and weighs 18 ounces. Rollout has begun in several areas of Florida and is expanding into other BellSouth Cellular markets; the release program is scheduled to bring the PDA into nationwide

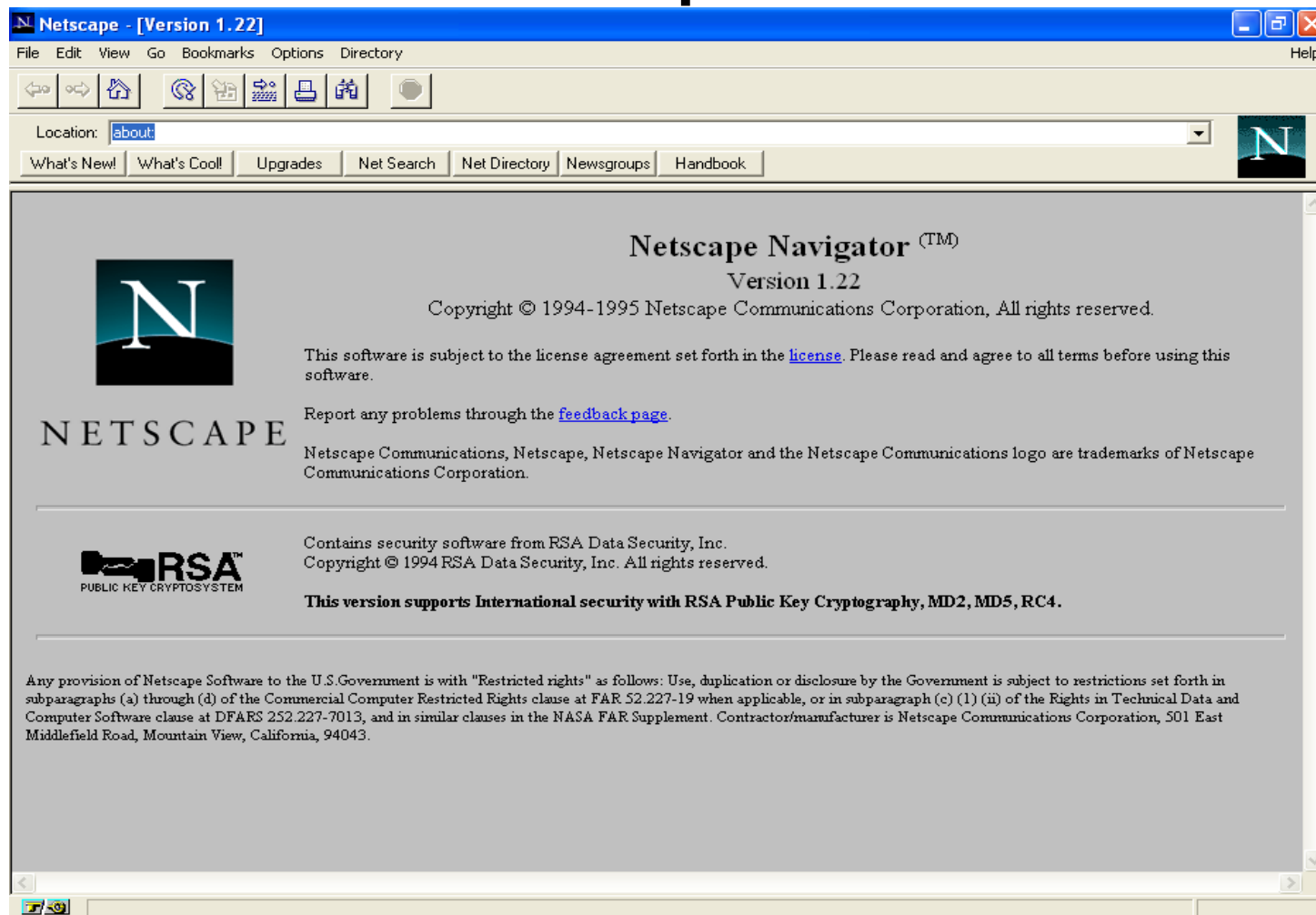
distribution by April 1994. Price is expected to be under \$1000.

Circle

124.



# 10.10 Netscape – 1994



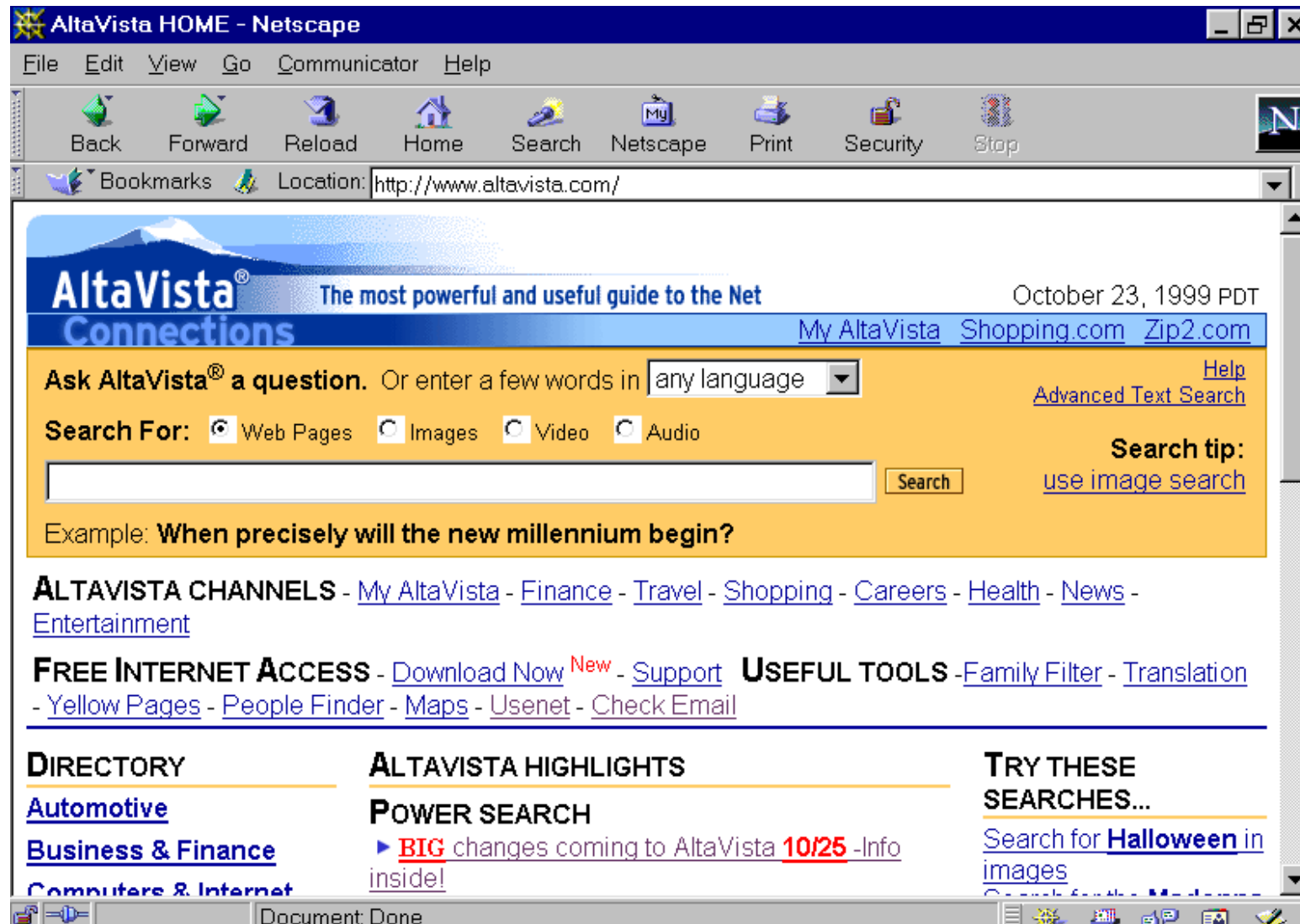


## 10.11 Amazon – 1994

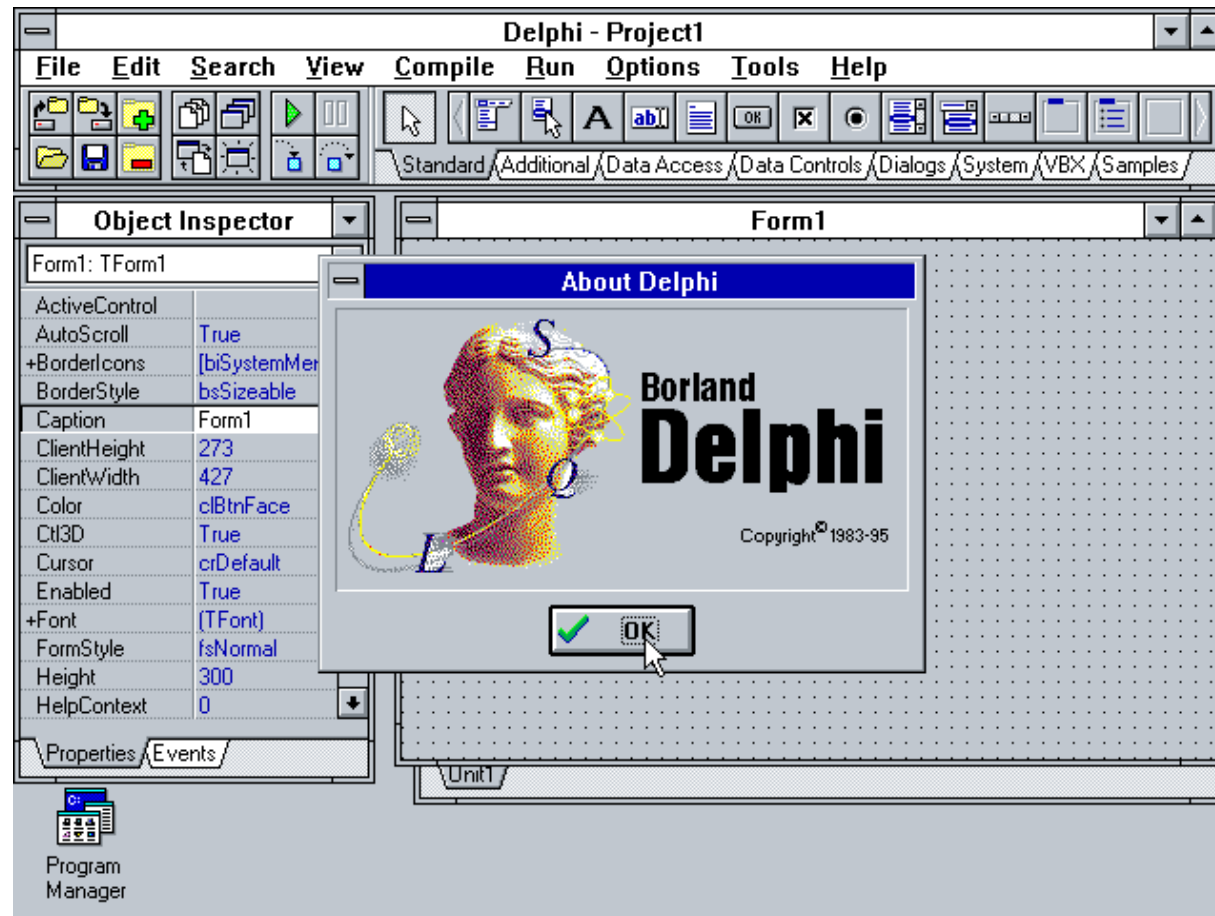


Jeff Bezos (Estados Unidos, 1964)

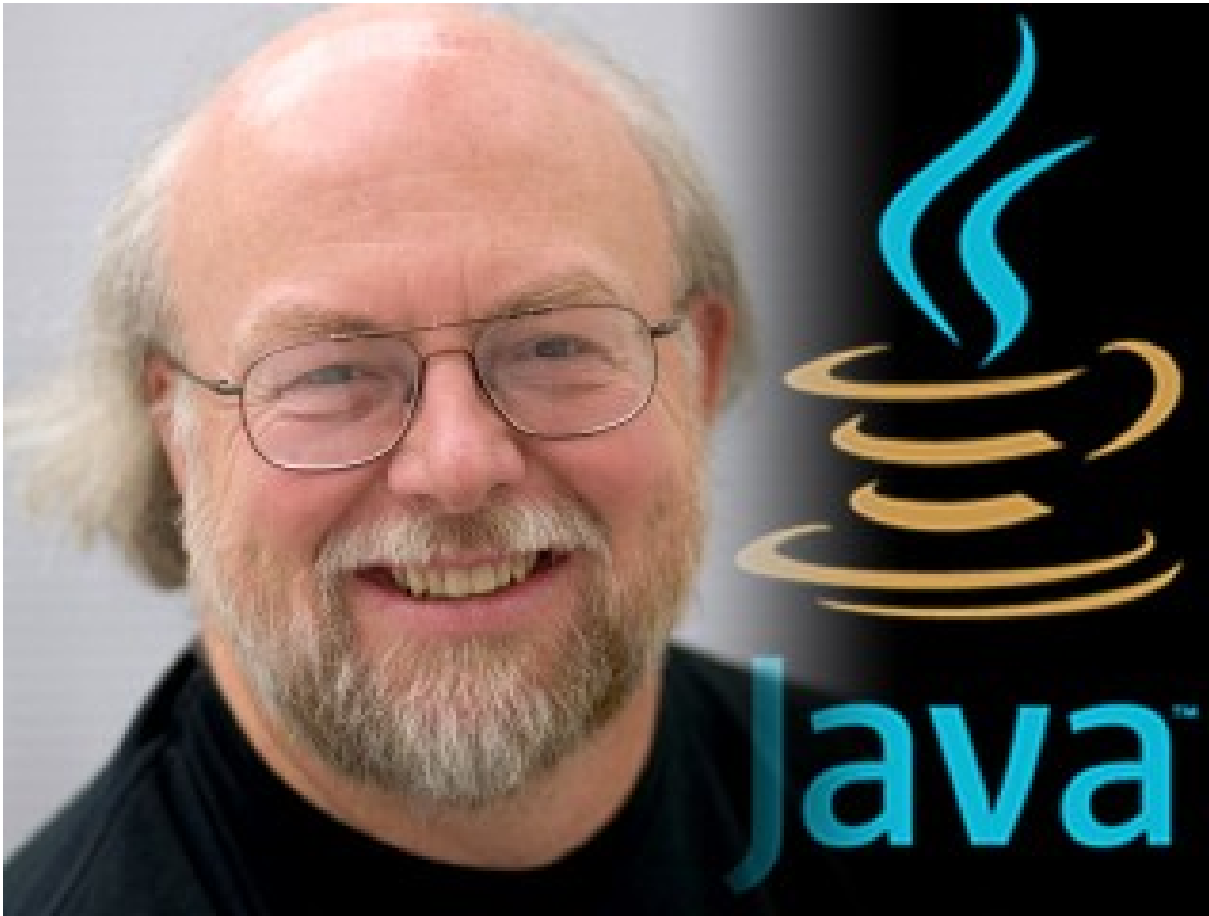
# 10.12 AltaVista – 1995



# 10.13 Delphi – 1995



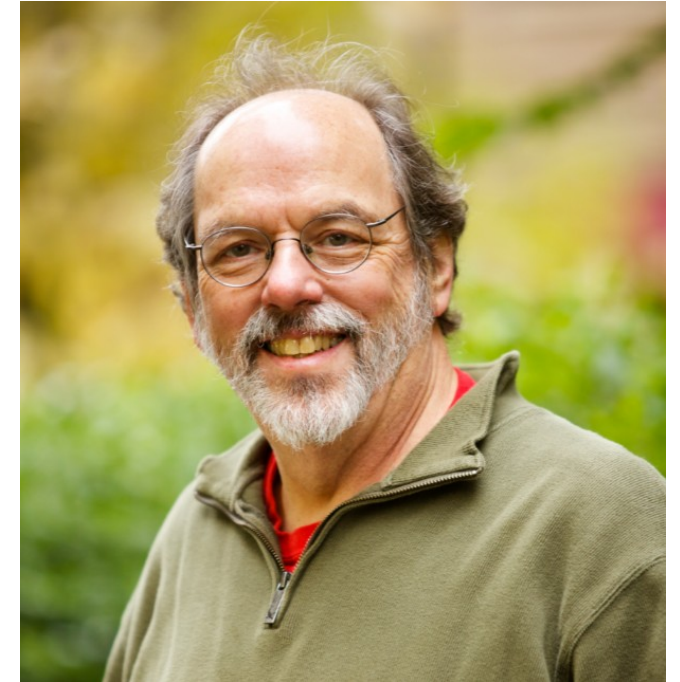
## 10.14 Java – 1995



James Gosling (Canadá, 1955)

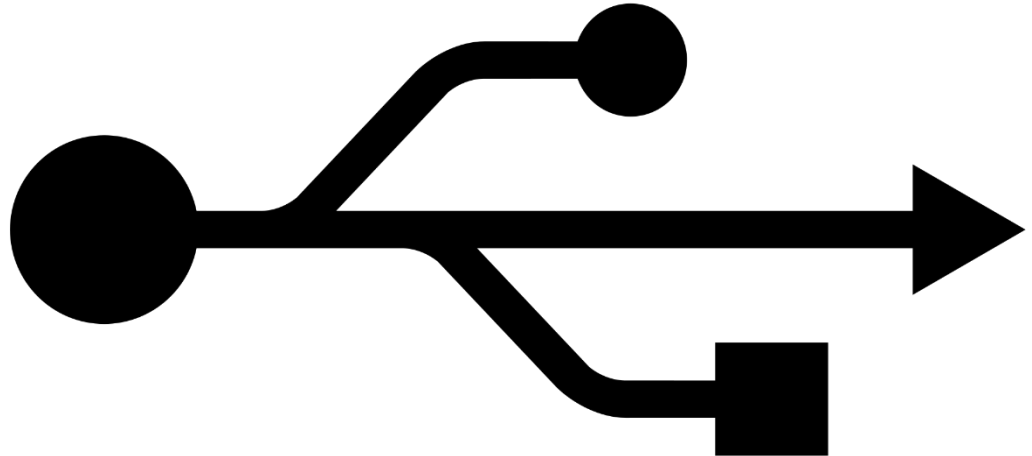


## 10.15 Wiki – 1995

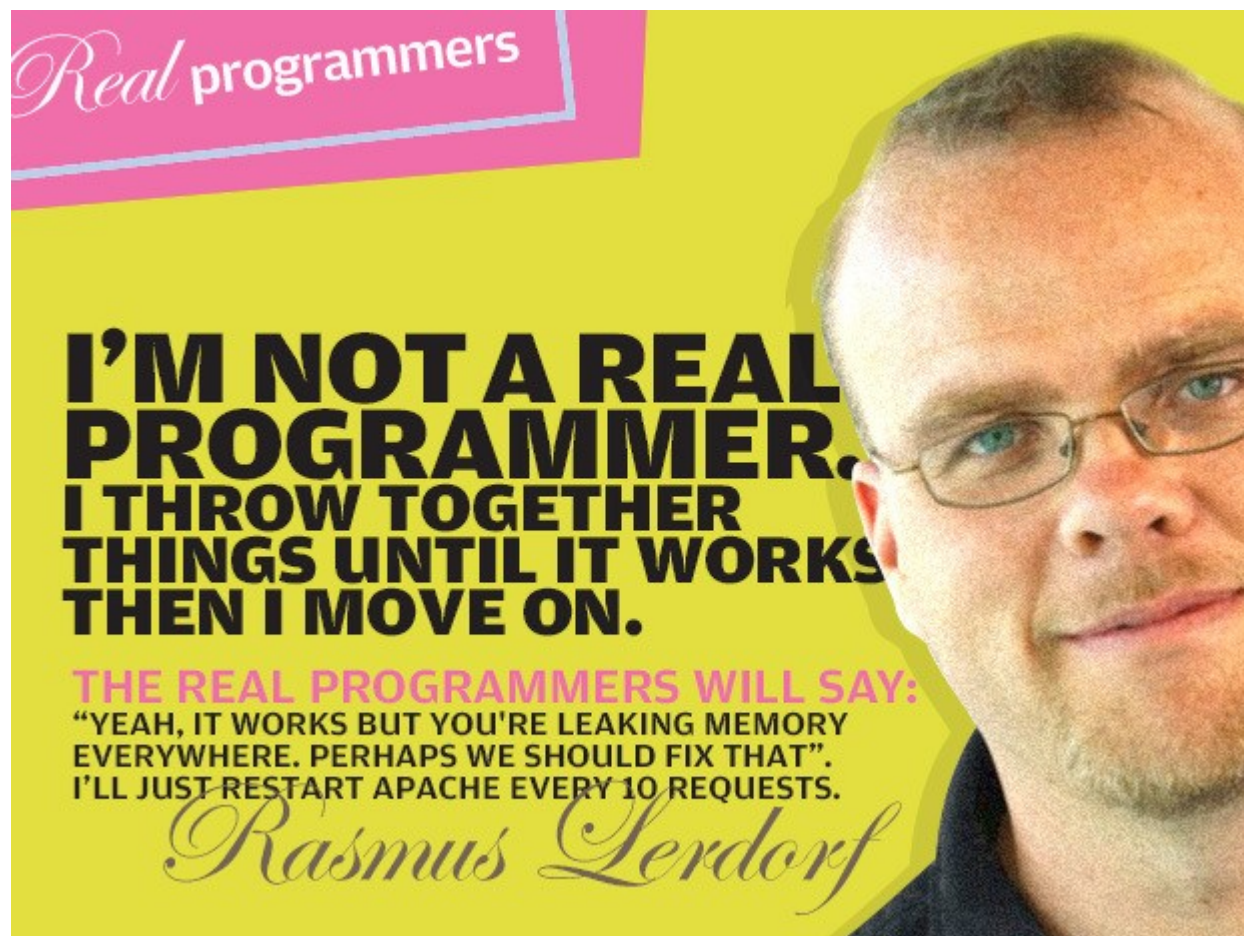


Ward G. Cunningham (Estados Unidos, 1949)

## 10.16 USB – 1995



# 10.17 PHP – 1995



Rasmus Lerdorf (Groenlândia, 1968)

# 10.18 Windows 95 – 1995

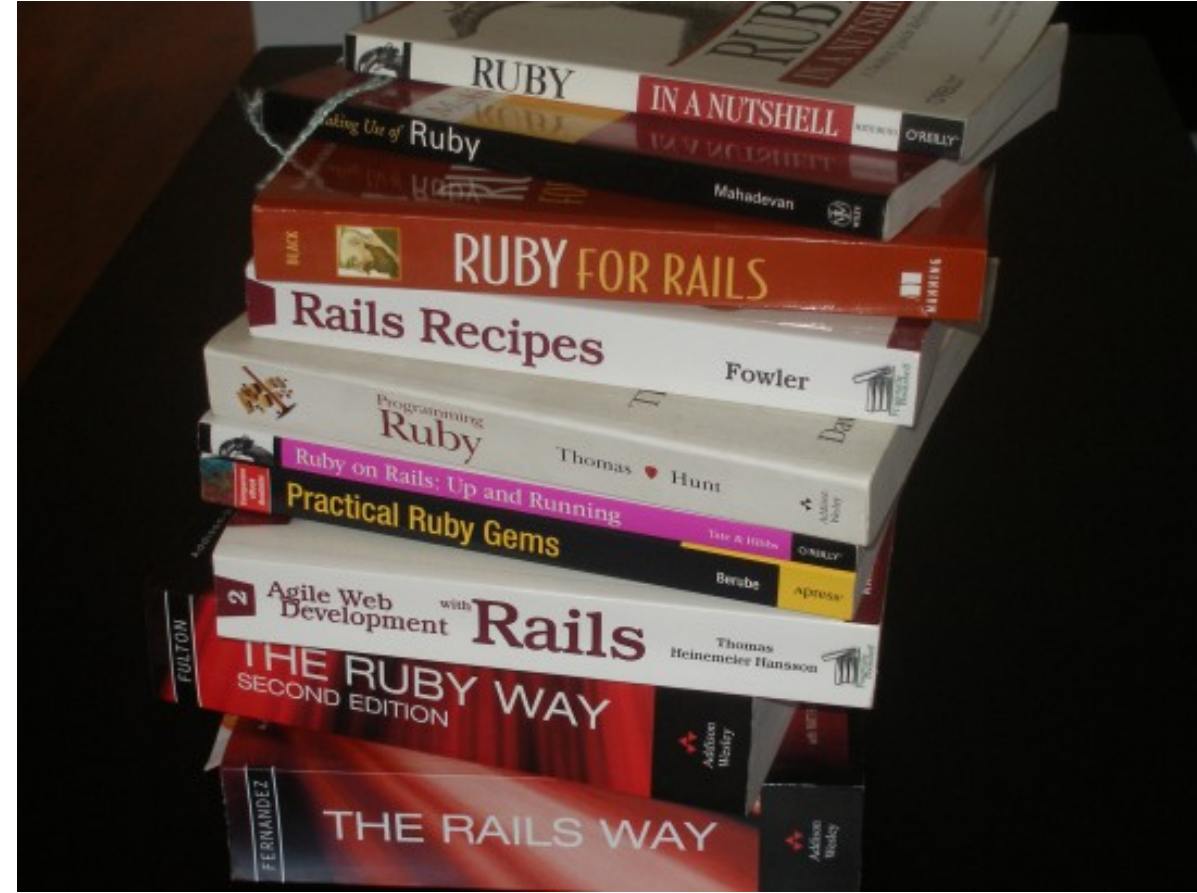




# 10.19 Ruby – 1995



Yukihiro Matsumoto (Japão, 1965)



## 10.20 JavaScript – 1995



Brendan Eich (Estados Unidos, 1961)

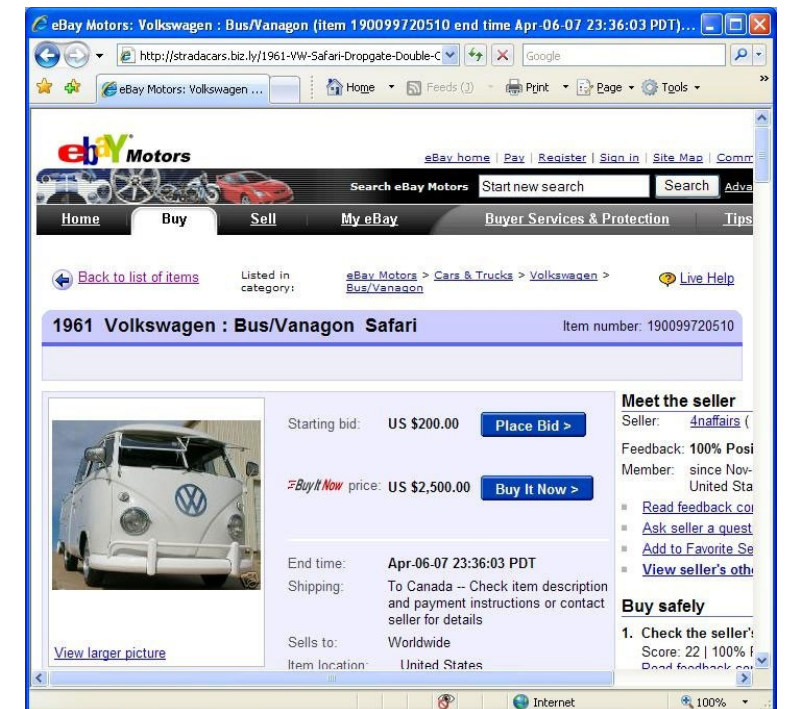
The JavaScript logo, featuring the letters 'JS' in a large, bold, dark grey font, centered on a solid yellow background.



# 10.21 eBay – 1995



Pierre Omidyar (França, 1967)



## 10.22 Palm Pilot – 1996



Jeff Hawkins (Estados Unidos, 1957)



# 10.23 Google – 1996



Larry Page (Estados Unidos, 1973) e Sergey Brin (Rússia, 1973)



# 10.24 Deep Blue – 1997





# 10.25 Blog – 1997



Daily fun: [Dilbert](#), [Zippy](#), [Doonesbury](#), [Nude](#), [Poem](#), [Astro](#), [Tunes!](#) #  
Help: [FAQ](#) Interact: [group](#), [anon](#), [my netnews](#), [mail me](#), [Backup](#)  
Net.Literate: [portal](#) [fun](#) [art](#) [media](#) [issues](#) [net](#) [tech](#) [science](#) [history](#) [search](#) [shop](#)  
Next New Moon: Sat 15 May 07:06 CDT. Cams: [Asia](#) : [West](#) : [East](#) : [Euro](#)

---

## Headlines:

April Oliver sues CNN! ([AP-Fox](#))  
Earthweek map features fires in South Asia ([CNN](#))  
Review of Truffaut bio ([WashPost](#))  
First chapter of John McPhee's latest Pulitzer-winner ([CNN](#))  
[Rimbaud et Raudelaine \(in French\)](#)



Jorn Barger (Estados Unidos, 1953)

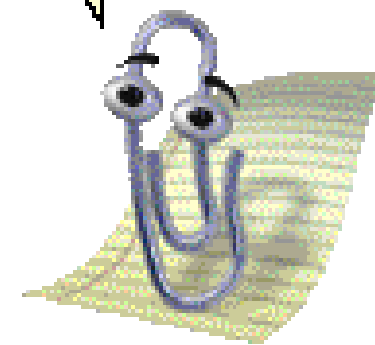
## 10.26 Clippy – 1997



It looks like you're writing a letter.

Would you like help?

- ☒ Get help with writing the letter
- ☒ Just type the letter without help
- ☐ Don't show me this tip again



# 10.27 iMac – 1998





## 10.28 Windows 98 – 1998

Windows

An error has occurred. To continue:

Press Enter to return to Windows, or

Press CTRL+ALT+DEL to restart your computer. If you do this,  
you will lose any unsaved information in all open applications.

Error: 0E : 016F : BFF9B3D4

Press any key to continue \_

# 10.29 Wi-Fi – 1999



Vic Hayes (Indonésia, 1941)

# 10.30 Napster – 1999



Shawn Fanning (Estados Unidos, 1980)



John Fanning (Estados Unidos, 1963)



Sean Parker (Estados Unidos, 1979)



## 10.31 Flash Drive – 1999





## 10.32 Bug do Milênio – 1999





# Até aqui...

- Vimos que os anos 1990 foram de franco desenvolvimento na computação. A World Wide Web surgiu e rapidamente se estabeleceu como o principal serviço da Internet, a ponto de que hoje muitas vezes as pessoas pensam que são sinônimos.
- Juntamente com a Web surgiram também as linguagens de programação adaptadas para ela como Java, PHP e JavaScript.
- Novos modelos de negócio baseados na Web surgiram como por exemplo a Amazon, o Google, o eBay e o Napster.
- As pessoas começaram a escrever seus blogs.
- A miniaturização dos dispositivos seguia em frente, com a criação de computadores tão pequenos que podiam ser guardados no bolso.
- Em termos de comunicação, merece destaque a criação do padrão Wi-Fi, uma forma barata eficiente de acessar a rede.
- Estava tudo pronto para o próximo passo na evolução tecnológica, com o surgimento dos smartphones, coisa que aconteceria após a virada de Século.
- E a evolução cultural desse novo período seriam as redes sociais, que se tornaram possíveis com a maior conectividade entre as pessoas que foi conquistada nos anos 1990.