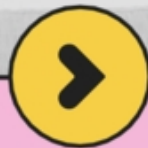




Desarrollo Web en Entorno Cliente

Alicia García Martín
CIFP Camino de la Miranda – 2024/25



1. Selección de arquitecturas y herramientas de programación





World Wide Web

The WorldWideWeb (W3) is a wide-area [hypermedia](#) information retrieval initiative aiming to give universal access to a large universe of documents.

Everything there is online about W3 is linked directly or indirectly to this document, including an [executive summary](#) of the project, [Mailing lists](#) , [Policy](#) , November's [W3 news](#) , [Frequently Asked Questions](#) .

[What's out there?](#)

Pointers to the world's online information, [subjects](#) , [W3 servers](#), etc.

[Help](#)

on the browser you are using

[Software Products](#)

A list of W3 project components and their current state. (e.g. [Line Mode](#) ,[X11 Viola](#) , [NeXTStep](#) , [Servers](#) , [Tools](#) , [Mail robot](#) , [Library](#))

[Technical](#)

Details of protocols, formats, program internals etc

[Bibliography](#)

Paper documentation on W3 and references.

[People](#)

A list of some people involved in the project.

[History](#)

A summary of the history of the project.

[How can I help?](#)

If you would like to support the web.

[Getting code](#)

Getting the code by [anonymous FTP](#) , etc.

WORLD WIDE WEB

The WorldWideWeb (W3) is a wide-area hypermedia[1] information retrieval initiative aiming to give universal access to a large universe of documents.

Everything there is online about W3 is linked directly or indirectly to this document, including an executive summary[2] of the project, Mailing lists[3] , Policy[4] , November's W3 news[5] , Frequently Asked Questions[6] ,

What's out there?[7]Pointers to the world's online information,
subjects[8] , W3 servers[9], etc.

Help[10] on the browser you are using

Software Products[11] A list of W3 project components and their current state. (e.g. Line Model[12] ,X11 Viola[13] , NeXTStep[14] , Servers[15] , Tools[16] , Mail robot[17] , Library[18])

Technical[19] Details of protocols, formats, program internals etc

<ref.number>, Back, <RETURN> for more, or Help:

WorldwideWeb	
Info	F
Navigate	F
Document	F
Edit	F
Links	F
Style	F
Print...	P
Page layout...	
Windows	F
Services	F
Hide	h
Quit	q

Style	X
Copy style	1
Apply style	2
Panel...	

HyperMedia Browser/Editor

Preview b of
Version 0.13

An exercise in global
information availability

by Tim Berners-Lee

Copyright 1990,91, CERN. Distribution restricted: ask for terms. TEST VERSION ONLY

HyperText: Text which is not constrained to be linear.
HyperMedia: Information which is not constrained linear... or to be text.

This version of the WWW application can pick up hypertext information from files in a number of formats, from local files, from remote files using NFS or anonymous FTP, from hypertext servers by name or keyword search, and from internet news. Hypertext files may be edited, and links made from hypertext files to other files or any other information.

For more help, use "Help" from the menu. If that doesn't work, then your application has been incompletely installed.

If you have any comments or have bugs, please mail
tmb1@info.cern.ch, quoting the version number (above).

Navigation		
< Previous	Back up	Next >
Home		Help

JFG Home

JFG's home page at InfoDesign

This home page demonstrates some simple concepts of the World-Wide Web [infrastructure](#) for global information sharing.

Today, I showed Tim's original Web browser to [Marc Weber](#). I just took some notes about him and linked them to his name on the fly.

I use this World-Wide Web editor exactly like any word processor, with the power to create links from [sensitive places of text](#) to other places, for instance to personal notes or to any information source in the world.

WWW research stuff

- [Hypertext Resources](#) (IN-Box)
- Geographical list of [WWW servers](#) (at CERN same list. Example: [CERN phone book](#))
- [WWW project documentation](#) (at CERN)

Links	X
Mark all	A
Mark selection	M
Link to marked	L
Link to file...	
Link to New	N
Follow link	
Unlink	Z
Help	

Weber -- /Hypertext

Marc Weber

A computer consultant, small publisher and freelance journalist who is currently investigating the early history of the Web, to be published in Wired. He loves [HortWire](#).

Welcome To Ho!Wired!

How to Join: [Register Now](#) Members Only:
[Unguided Tour](#) [Overview](#) [Need Help?](#) [What's New](#)
[Your View](#) © 1995 Ho!Wired Ventures LLC

Powered by [Silicon Graphics](#)

Style editor

Style name: List

<< style of selection >>

Apply style to selection

Apply style to all similar text

Find unstyled text

Style sheet

Open

Save as...

Format

First line indent: 100

Successive indent: 130

Font: Helvetica

Point Size: 12

SGML tag:

Set

Tabs: 130 300

Ho!Wired: What's New

Welcome to York

the electronic
neighborhood hits
Wired, 24 May, via
in On the R

Flux Ned hears rumors of a deal between GM

Fish Solar

Net Sud Pro

Jenny Holzer's truisms take a turn for the Web

If you feel a need for speed ... surf

N

What's a week without a Bill Gates

Corporate recruiting form letters - b

Alt.cynicism ... What's the Point?

JFG



FRONT-END



BACK-END

nginx
Apache

PHP
Python
Ruby
Java
JS

SERVIDOR



BASE DE
DATOS

OTROS
SERVICIOS



SERVIDOR DE ARCHIVOS

Frontend

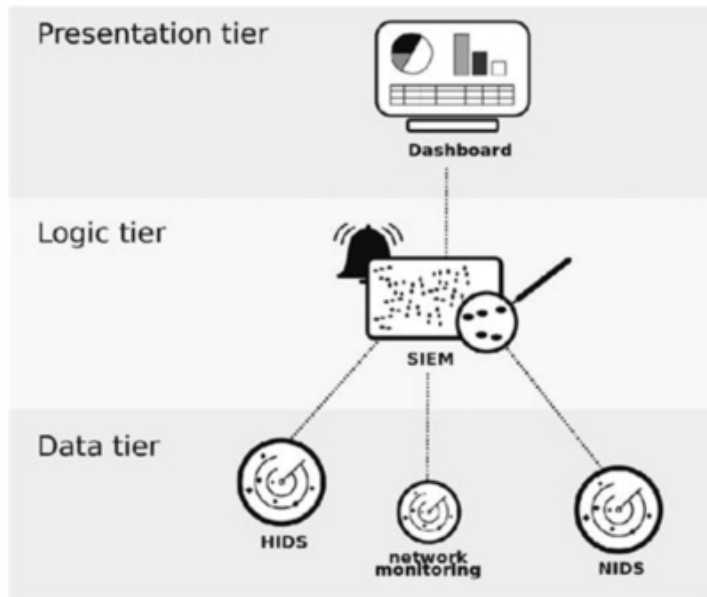


Backend





"three-tier architecture"





**Tecnologías en entorno
cliente**

HTML



CSS



JS





JavaScript is born
as LiveScript

1997

ES3 comes out and
IE5 is all the rage

2000



ES5 comes out and
standard JSON

2015

ES7/ECMAScript2016
comes out

2017

1995 ECMAScript standard
is established

1999

XMLHttpRequest,
a.k.a. AJAX,
gains popularity

2009

ES6/ECMAScript2015
comes out

2016

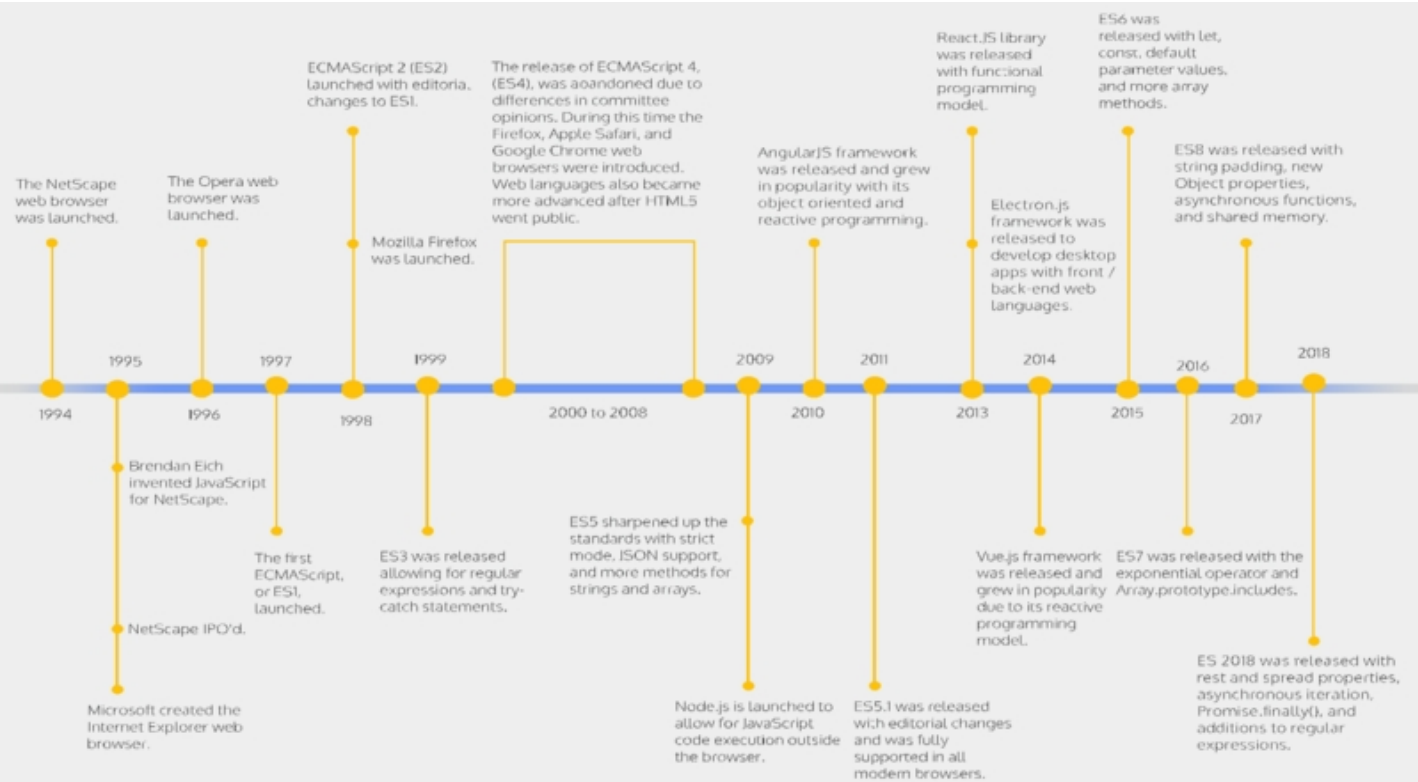
ES.Next

Stable release

ECMAScript 2021 (12th
edition)^[2] / June 2021; 4
months ago

Preview release

ECMAScript 2022^[3] / 22
July 2021; 2 months ago





Lenguajes que compilan a JavaScript



CoffeeScript



Dart



⌄ PURESCRIPT



elm

Emplean un preprocesador o transpilador (a veces llamado simplemente compilador) para traducir (*transpilar*) el código a JavaScript.

Situación actual

<https://caniuse.com>





GRACIAS!

Preguntas?

alicew.garmar@educa.jcyl.es

CREDITS: This presentation template was created by [Slidesgo](#), including icons by [Flaticon](#), infographics & images by [Freepik](#).
This presentation contains illustrations by Storyset