

WebTech

Einführung

<http://freiheit.f4.htw-berlin.de/webtech>

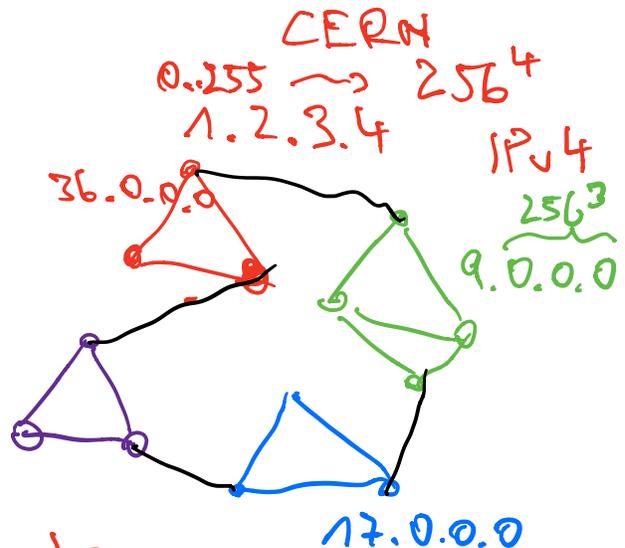
User: webtech

Pwd: webtech2021

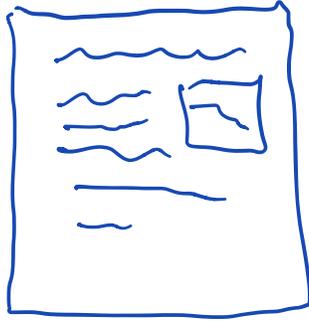
Tim Berners-Lee

Dienste

- E-Mail
- Usenet
- IRC
- FTP



⇒ Wiss. Dokumente
"einfach" lesen



Dateiformat

- Markup-Langage
"Auszeichnungsspr."

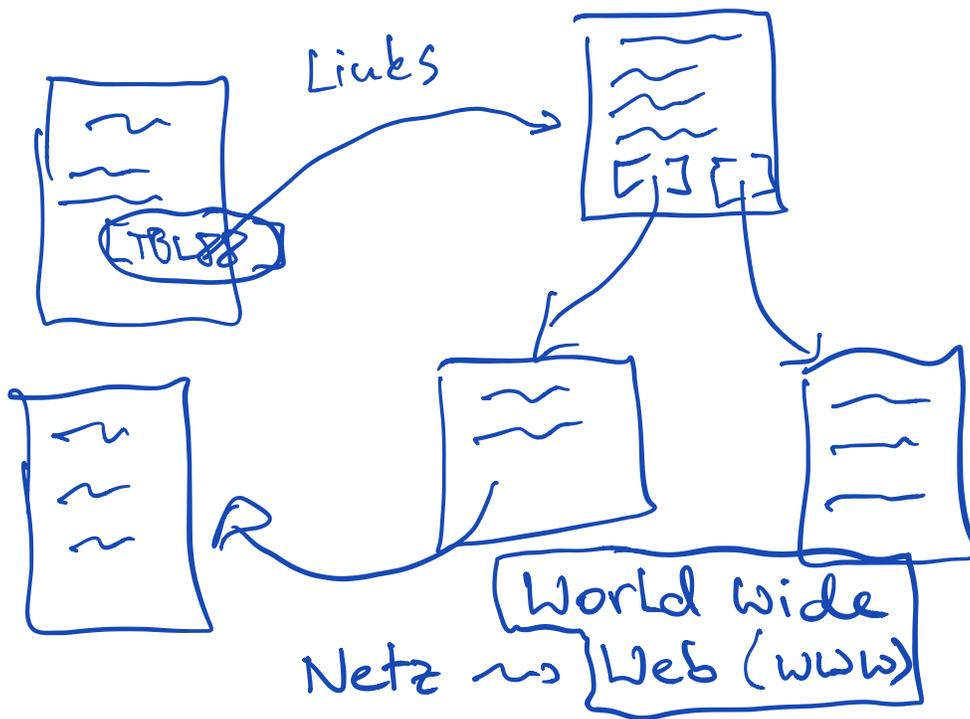
<h1> Überschrift </h1>

<p> Lorem ipsum ... </p>

<h3> kleinere Überschw.
</h3>

Hypertext Markup Language

HTML ✓



Lesen von HTML: Browser

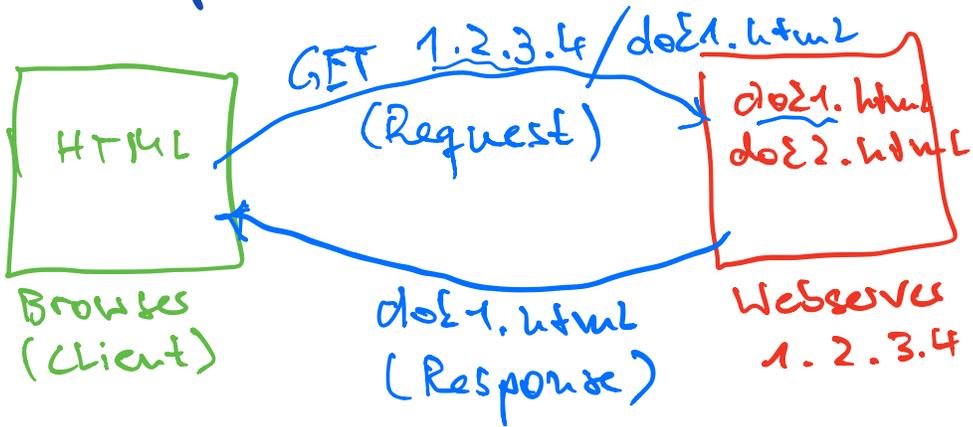
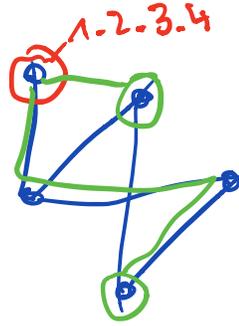
Web (World Wide Web)

"Ablage" von HTML-Dokumenten

Web Server

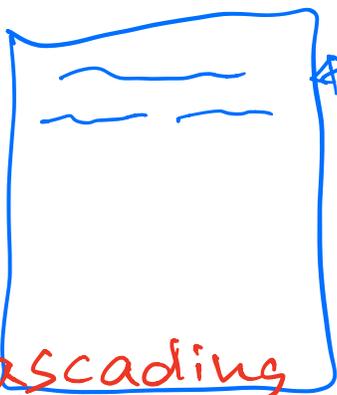
- lesendes Zugriff
auf Dokumente

- httpd → GET 1.2.3.4 /doe1.html



http ✓

404
500



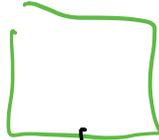
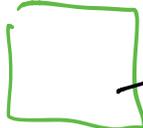
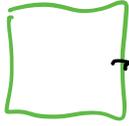
"eigene" Gestaltungsmöglichkeiten
der Anzeige von
HTML

Cascading
Style Sheets

- überschrieben Farben, Fonts
- 2-Spalten-Layout
- 3-Spalten-Layout

→ CSS ✓

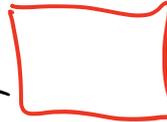
Browser (Clients)



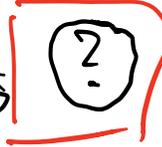
Webserver



Dokumente



Webserver



gib mir alle DB, in denen der Autor 'Tim Berners Lee'

statisch

- fertige HTML - Dokumente auf dem Server

dynamisch

- HTML - Dokumente werden auf dem Server erstellt

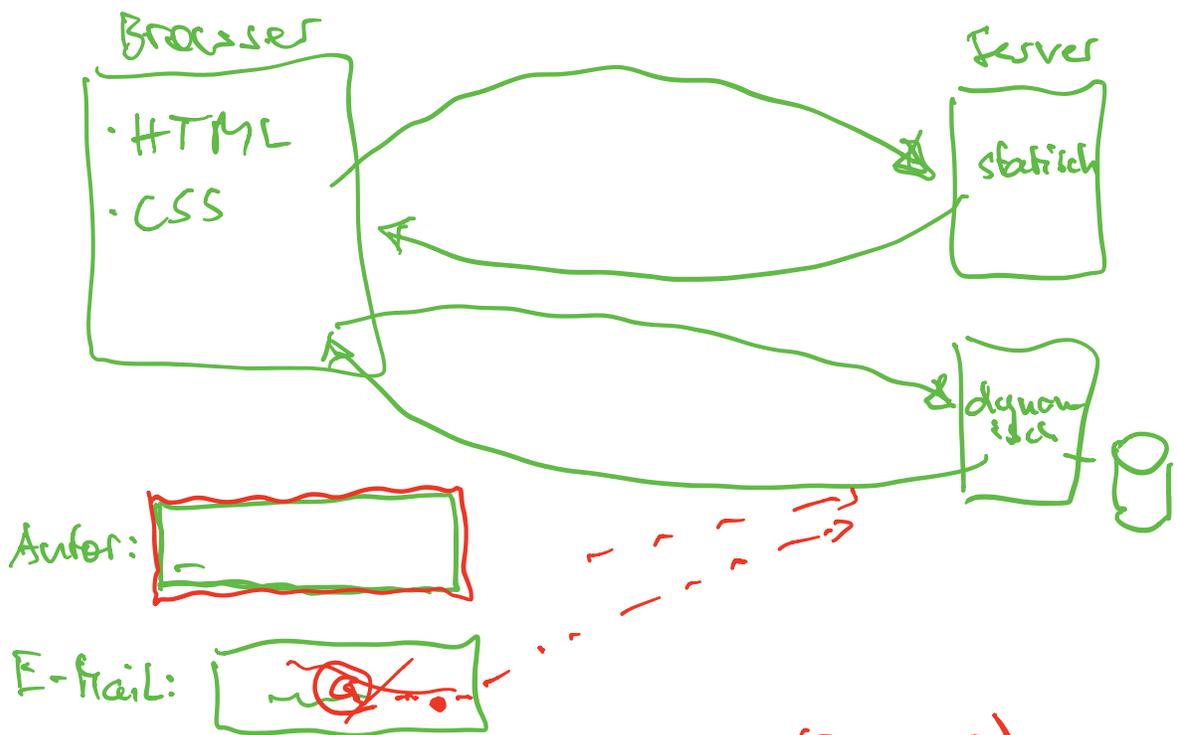
2 author = Tim Berners Lee



Author	Titel	Ablage

~ 75% aller Webseiten ~~plus~~
Content Management System
(CMS)

1995: Personal Home Page Tools
Rasmus Lerdorf
Besuchszähler



Interaktionen im Client (Browser)
haben Auswirkungen auf "HTML"

⇒ im Client bleiben
keine Anfrage an Server

~~HTML~~ ~~JS~~ → LiveScript

NetScape

JavaScript

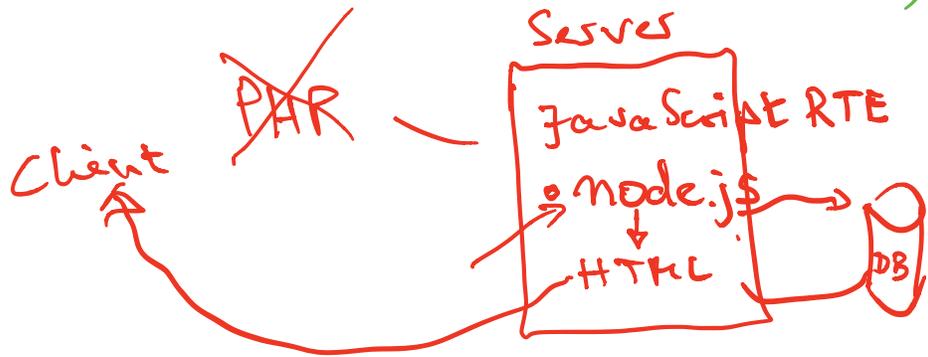
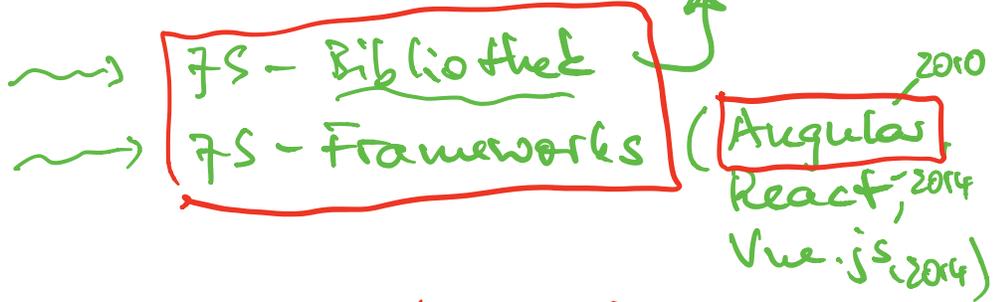
ECMA Script

Browser

- HTML ✓
- CSS ✓
- JavaScript ✓

"Sand box" - Prinzip

- Filesystem (lesen)
- Kamera
- Mikrofon



HTML

CSS

JavaScript

Angular (~~HTML~~)

node.js (server)

Anzeige von Dokumenten

Wes Anwendungen ✓