
Tehnologii web

— Laborator 1 —

Despre

Micu Matei-Marius

- ! tastatura noua deci scriu greu si gresit :D

Street rules

- Incercati sa fiti pe mute cand intrati
- Puteti pune intrebari oricand
- Facem laboratorul cu pauza de 10m

Evaluation

- Proiect
- Test
- Alegeti un proiect pe care il puteti face
- De preferat sa lucrati la proiect cat mai rapid
 - La final de laborator putem discuta despre proiecte
- Dupa saptamana 8 la laborator ne axam pe proiect
- Întrebări frecvente

Tools

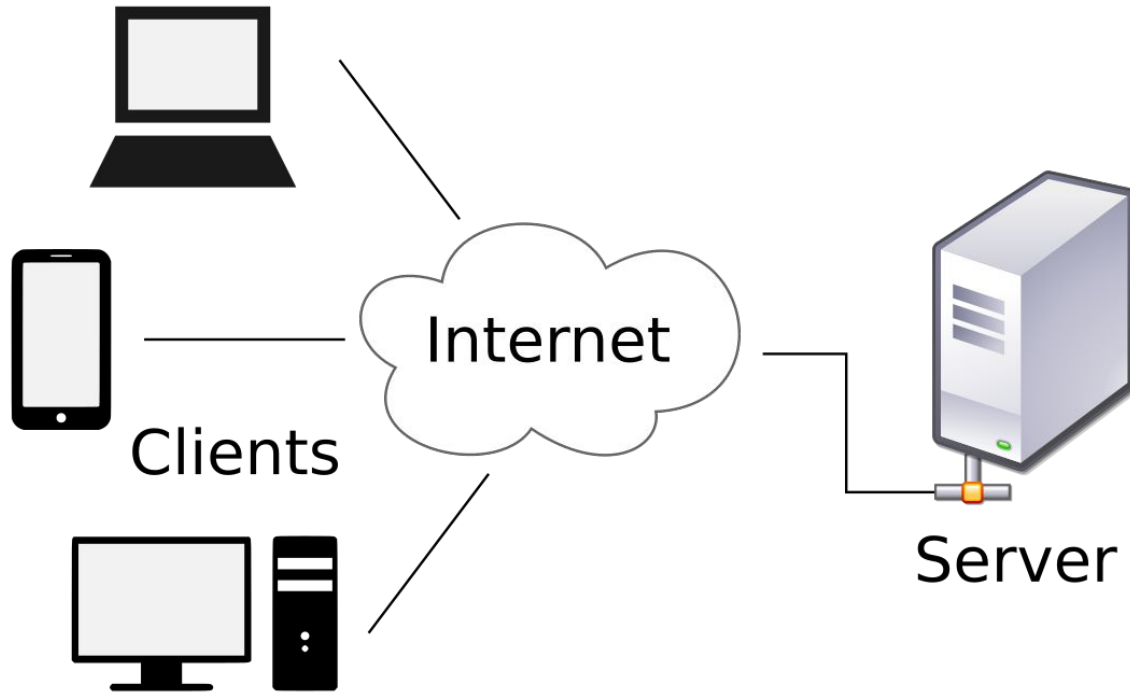
- <https://jsfiddle.net/>
- <https://code.visualstudio.com/>
- <https://nodejs.org/en/>

Resurse

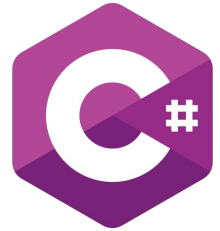
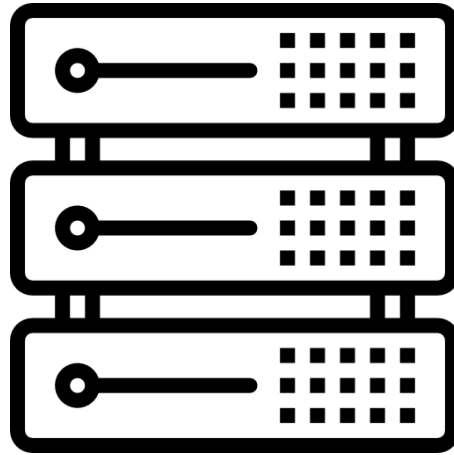
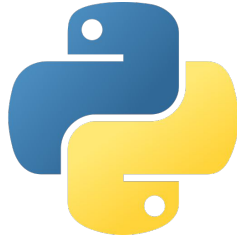
- Documentatie
 - [W3schools HTML](#)
 - [MDN Web Docs HTML](#)
 - [HTML5 Element Index](#)
 - [Dive Into HTML5](#)
 - [Awesome HTML](#)
 - [The History of the URL: Path, Fragment, Query, and Auth](#)
 - [Validator HTML](#)
- Exericii
 - [W3school Exercises](#)

Background

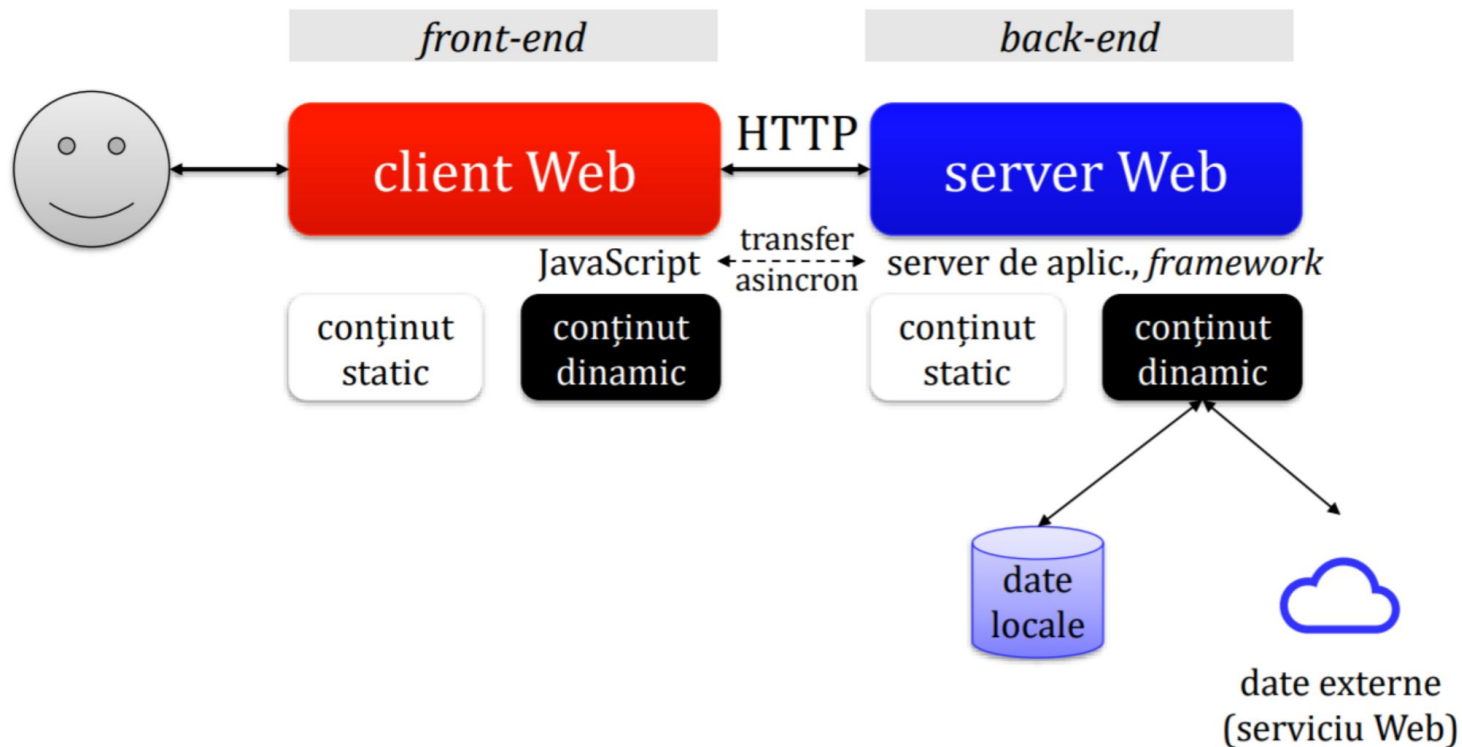
Background - Arhitectura server-client



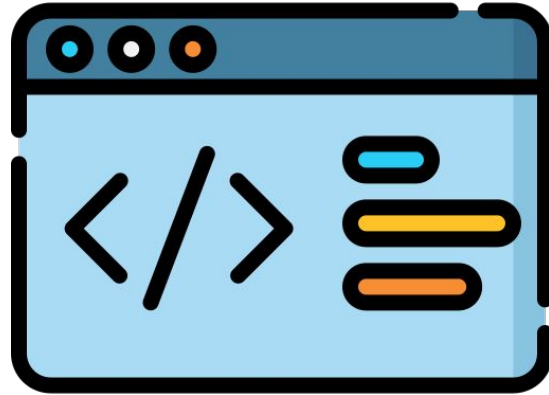
Server



Background - Arhitectura server-client (uman)



Human clients on the web



Navigator web (**HTML, CSS, JS**)

Smartphone

CLI (linia de comanda)

VR, etc.

HTML



C S S

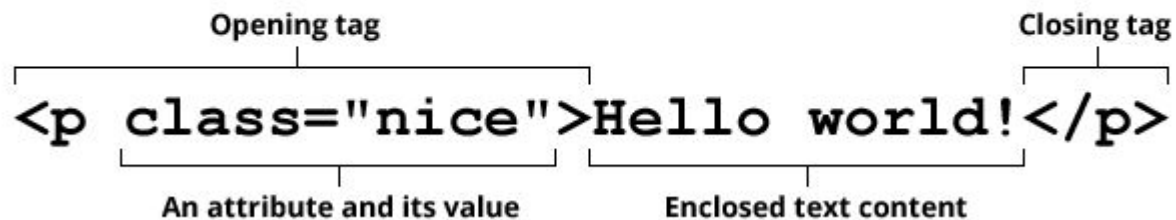


JAVASCRIPT



HTML

Anatomy of an HTML element



HTML

- [HTML \(MDN\)](#)
- [HTML5 Element Index](#)
- [HTML Standard](#)

```
<!DOCTYPE html>
<html>

<head>
  <title>Pagina de TW</title>
</head>

<body>

  <h1>Header de TW</h1>

  <p>Paragraful de TW</p>

  
</body>

</html>
```

HTML - Tag-uri și atribute

```
<p>Paragraful de TW</p>
```

```

```

HTML Valid?

```
<!DOCTYPE html>
<html>

<head>
  <title>Pagina de TW</title>
</head>

<body>

  <p>
    <a definetlyAnAttribute="trustmebruch.jpeg"></p>

</body>

</html>
```


HTML Valid?

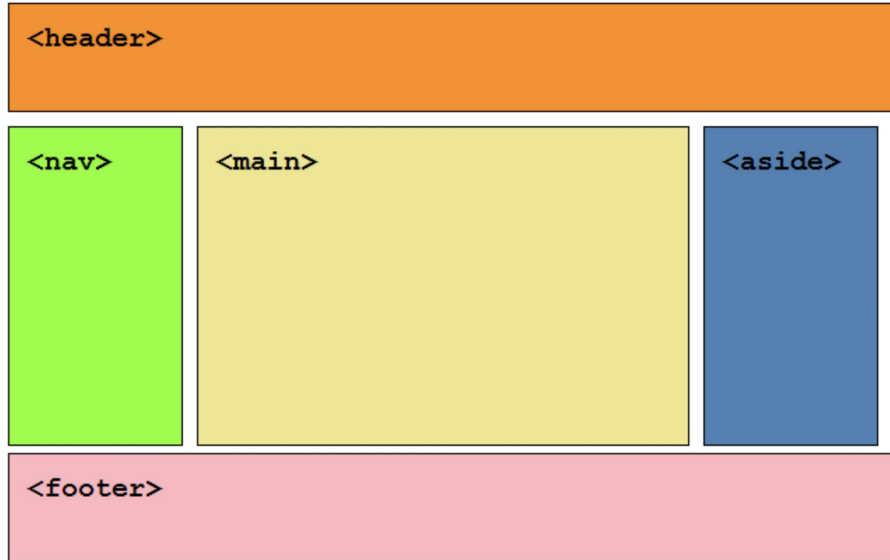
```
<!DOCTYPE html>
<html>

<head>
  <title>Pagina de TW</title>
</head>

<body>
  <p>
    <a src="trustmebruch.jpeg"></a>
  </p>
</body>

</html>
```

Tag-uri HTML - Containers



Tag-uri HTML - Containers

- section
- div
- ul
- li
- table

Tag-uri HTML - manipulare de text

- h1, h2, h3, etc
- P, span, strong, code

Tag-uri html - Formulare

- form
- label
- input
- select
- textarea

Tag-uri HTML - Actiuni

- a
- button

Tag-uri HTML - Media

- `img`
- `picture`
- `video`
- `audio`

Exercitii

<https://jsfiddle.net/>

Exercises - 1

Student registration

First name:

Last name:

Age:

Enter a phone number:

Choose a course:

[Forms](#)

Exercises - 2

Note proiecte				
Dificultate	Proiect	Echipa	Studenti	Nota
M	Awesome AI	Tuxy	Tuxy	9
			Pinguinescu	
			Stefan	
	Drone Managment	Tuxy	Tuxy	7
Pinguinescu				

```
<style>
table,
th,
td {
border: 1px solid black;
border-collapse: collapse;
}
</style>
```

[Tables](#)

Exercises - 3

Puppy



[Images](#)

Incorporati o imagine cu catei