

Web Design (ITW)

1st computer exercise

Brno University of Technology, Faculty of Information Technology

Božetěchova 1/2. 612 66 Brno - Královo Pole

ilazur@fit.vut.cz



Juraj Lazúr

- Office C235
- ilazur@fit.vut.cz
- DC: jorgen98

Where to look for course info

- Moodle
- Course pages

- ① exercise 20.2.
- ② exercise 27.2.
- ③ exercise 6.3.

- ④ exercise 20.3.

- ⑤ exercise 17.4.
- ⑥ exercise 24.4.

Scored computer exercises

- 6 exercises per semester, 5 opportunities to earn **2 points**
- Participation in the exercises is voluntary
- Substitution of exercises by prior arrangement
- **Exercises build on each other, the result of one exercise will be used in the next exercise**

2 tests

- **25. 3. 2025 8:30 - 20 points**
- **6. 5. 2025 8:30 - 20 points**

Projects

- Project 1 - HTML and CSS
 - **20 points**
- Project 2 - Custom project
 - **30 points**

Bringing your own laptop is welcome

ChatGPT, GitHub Copilot

- **Use wisely!**
- Beware of plagiarism

What is CSS actually good for?

Beautiful examples of how not to do it

- Gvoza
- UserInyerface

CSS usage

- WebDev
- Qt, PyQt, Angular, React, Vue.js...

Remote connection to Merlin server

Windows

- **PuTTY**
- Q: netapp/putty.exe
- Q: netapp/winscp.exe

Linux

- `ssh xlogin00@merlin.fit.vutbr.cz`

Obtaining information about domains and IP addresses

```
man host  
host google.com  
host -a google.com
```

```
man dig  
dig -x 127.0.0.1
```

Try it out

- Find out the IP address of the server
<http://www.fbm.vutbr.cz/>
- Get the domain name for the server with IP address 193.108.106.40
- What is the actual domain name that the FP website is running on?

Debugging tools in the browser

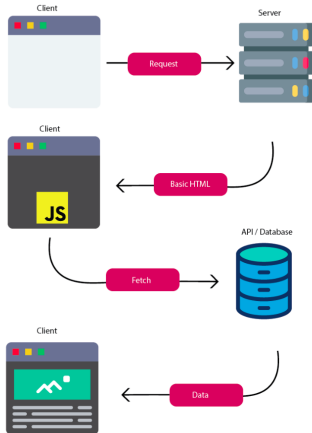


Figure: Client Side Rendering

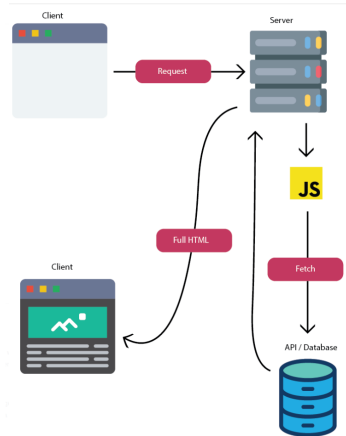


Figure: Server Side Rendering

Downloading documents

```
man wget  
wget www.fit.vut.cz  
wget www.fit.vut.cz -p  
wget www.fit.vut.cz -p -r -l 1
```

Static vs dynamic page

- Date.php
- Date.html

`http://www.stud.fit.vutbr.cz/~xlogin00`

Manual

```
mkdir ~/WWW  
chmod -R o=rX,g= ~/WWW  
chmod o=x ~  
cd WWW/  
touch index.html  
chmod o+r index.html  
nano index.html
```

