



CMPSC 302

WEB DEVELOPMENT



Let's have a

1337haxx0



iluv4tz



lolwut75



sportsp0rtssp





# From the front to back

## SERVER (BACK-END)

SOMEONE ELSE'S MACHINE



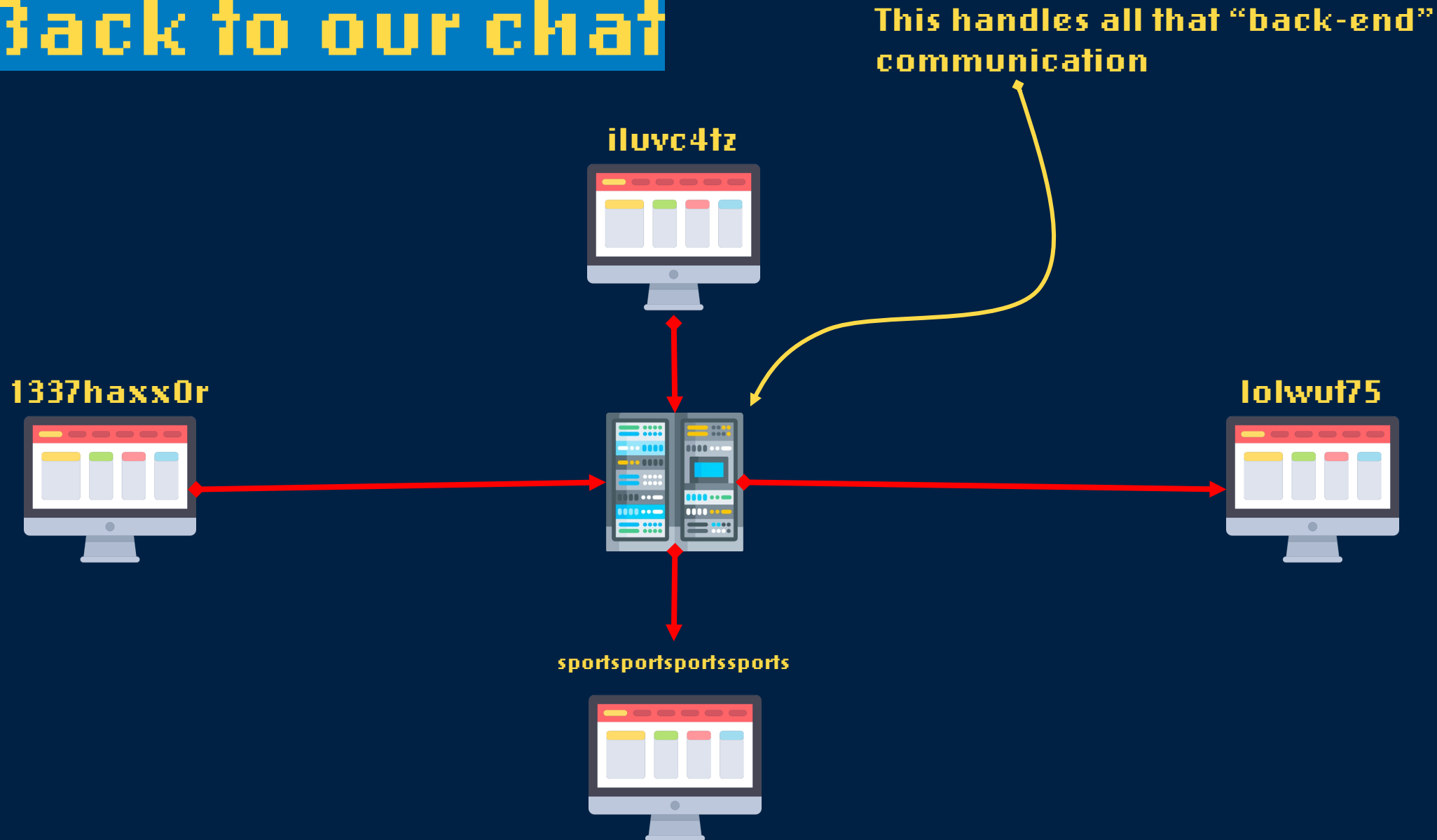
## CLIENT (FRONT-END)

YOUR PC





# Back to our chat





# From the front to back

## SERVER (BACK-END)

### \* Server-side languages:

- \* Python
- \* PHP
- \* nodejs

## CLIENT (FRONT-END)

### \* Client-side-languages

- \* CSS
- \* HTML
- \* Javascript



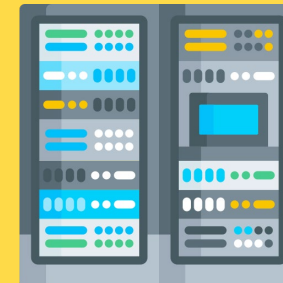


# Introducing...THE CLOUD



**SERVER**  
(BACK-END)

SOMEONE ELSE'S MACHINE



(PRETTY MUCH)



# It came from the...STACK



heroku



PAGE SERVER

DAEMONS

Really just another word for long-running  
Processes that no one really sees





Heroku



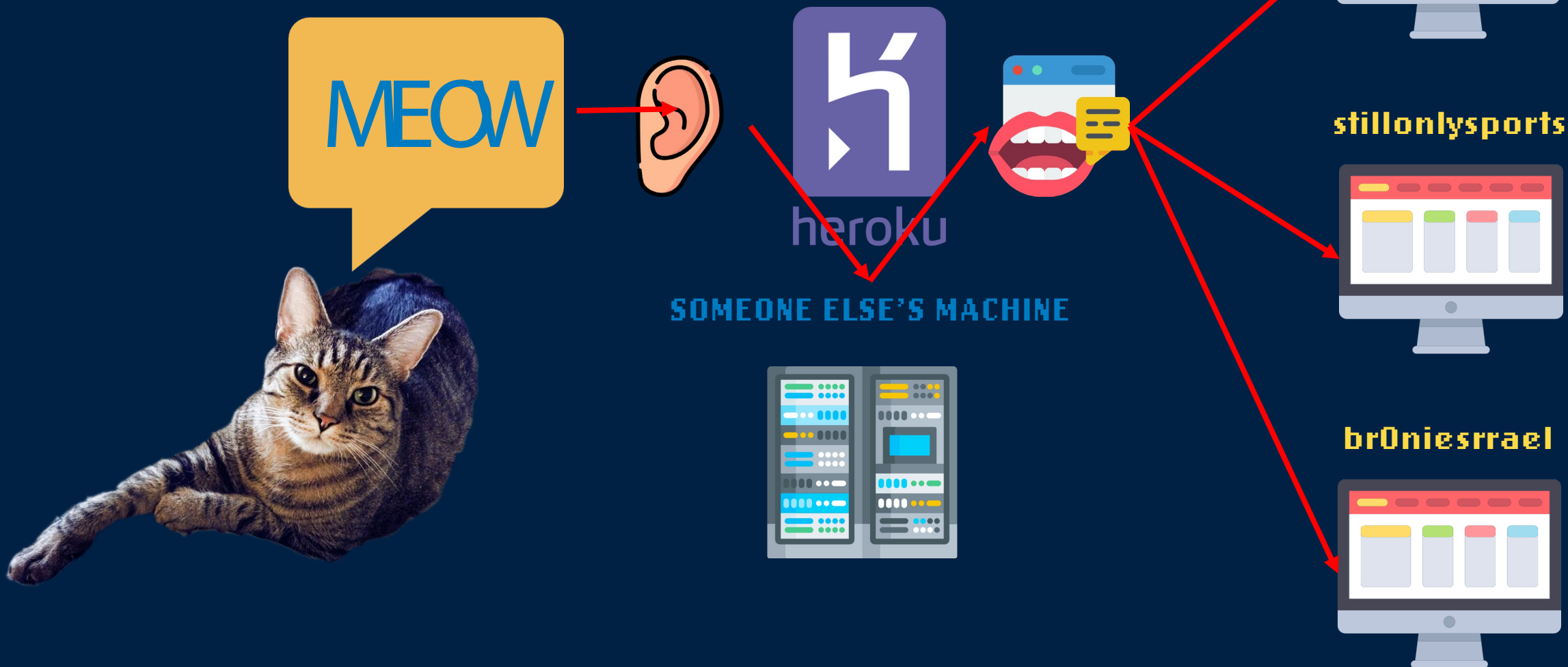
heroku

For this project: a service  
that allows us to have a  
“back-end” process  
always listening





# Oh, about that chat



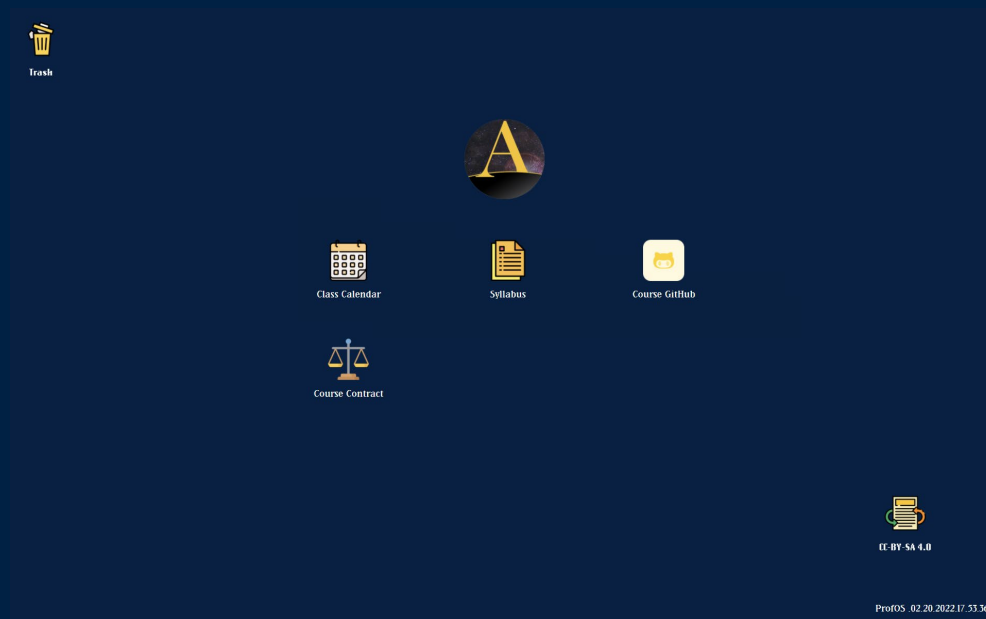


# Previously...

YOUR PC



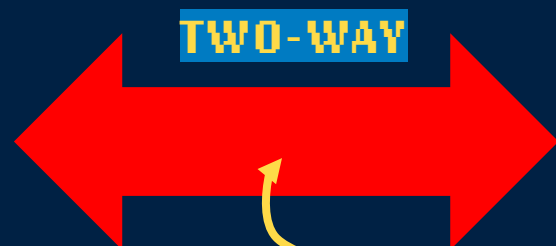
ONE-WAY





# It's a two-way street

CatChat v 04.11.2022.10:40:25



WebSocket

