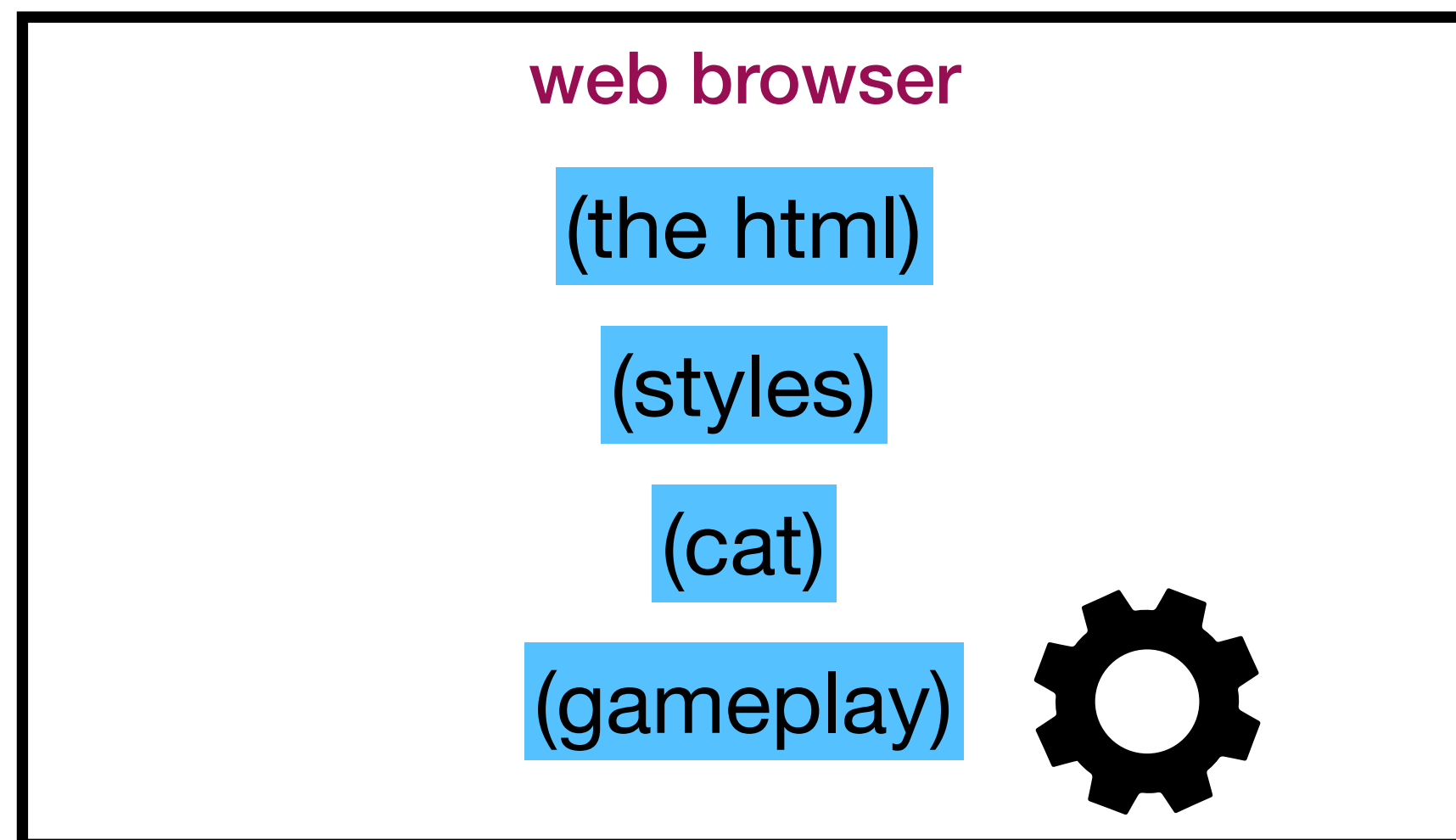


# Front end, Back end

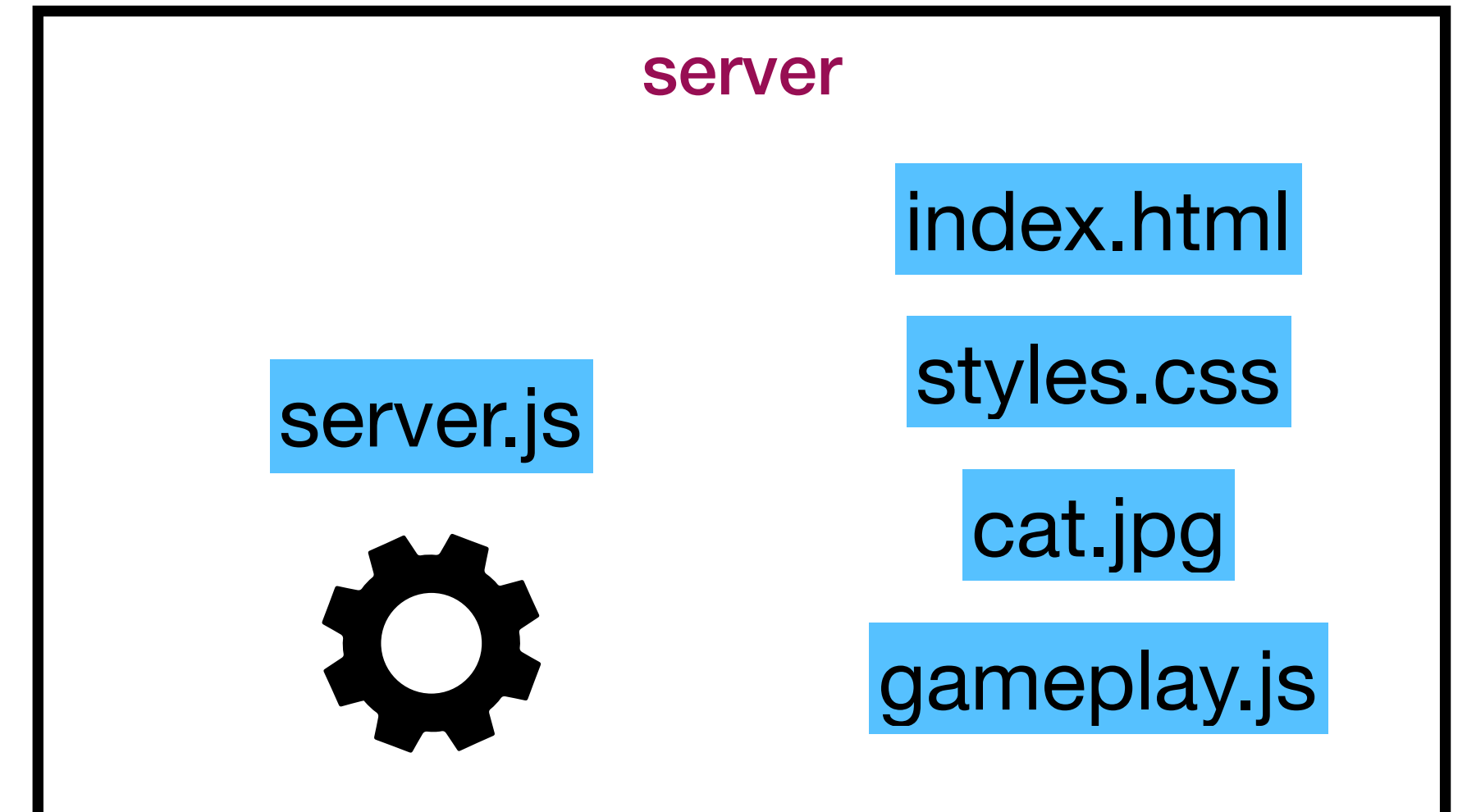
## Front End

- the only programming language available is JavaScript
- the JS code can manipulate the page, fetch data, etc



## Back End

- lots of choice of programming language (but we'll be using JavaScript)
- the JS code can load and save files, talk to other servers, etc



# Seeing the whole URL, in your browser

e.g.

`https://duckduckgo.com/?t=h_&q=hack+your+future&ia=web`

and not just

`duckduckgo.com`