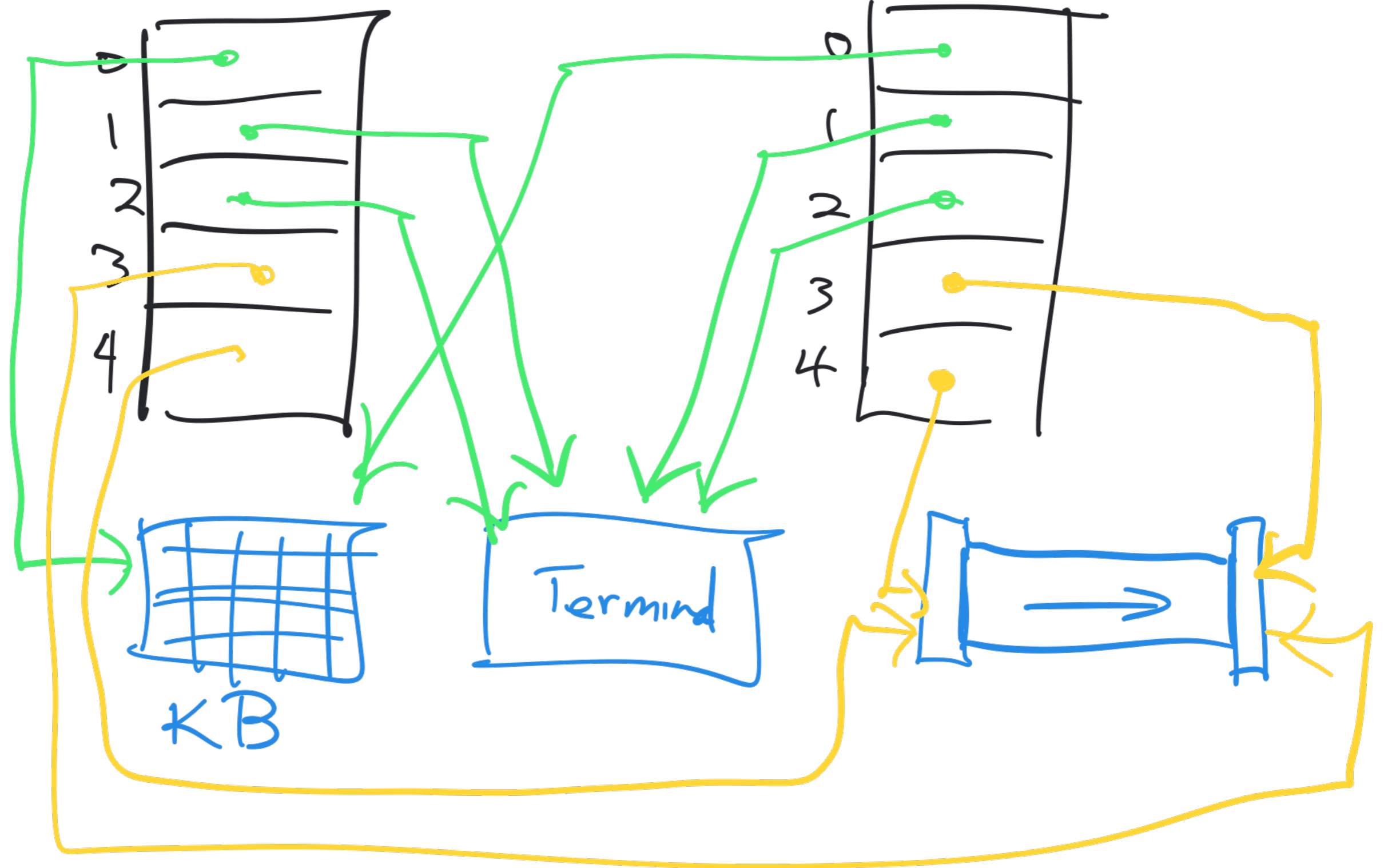


CS 208

Fri, 17 Feb 2023

After fork
parent

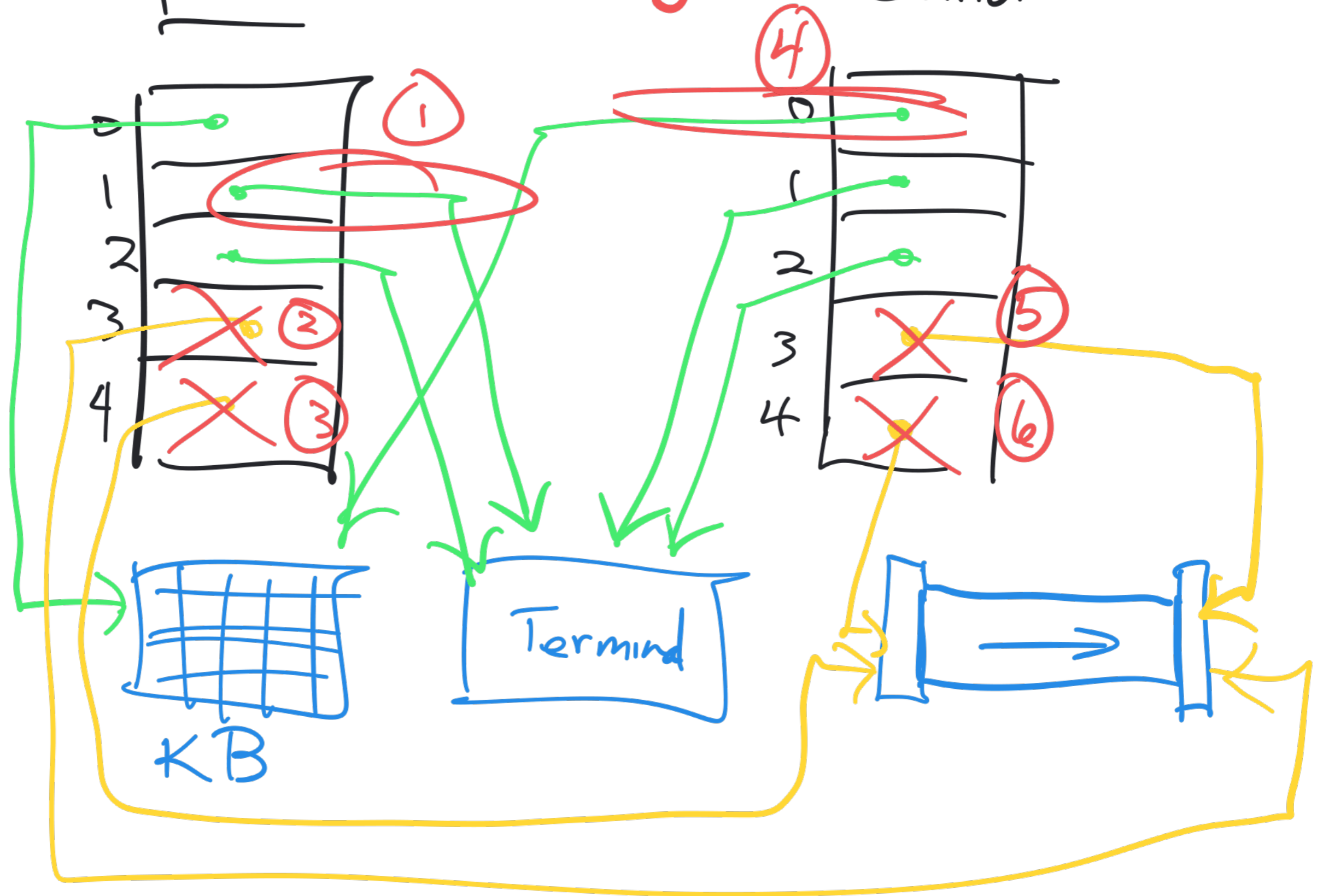
child



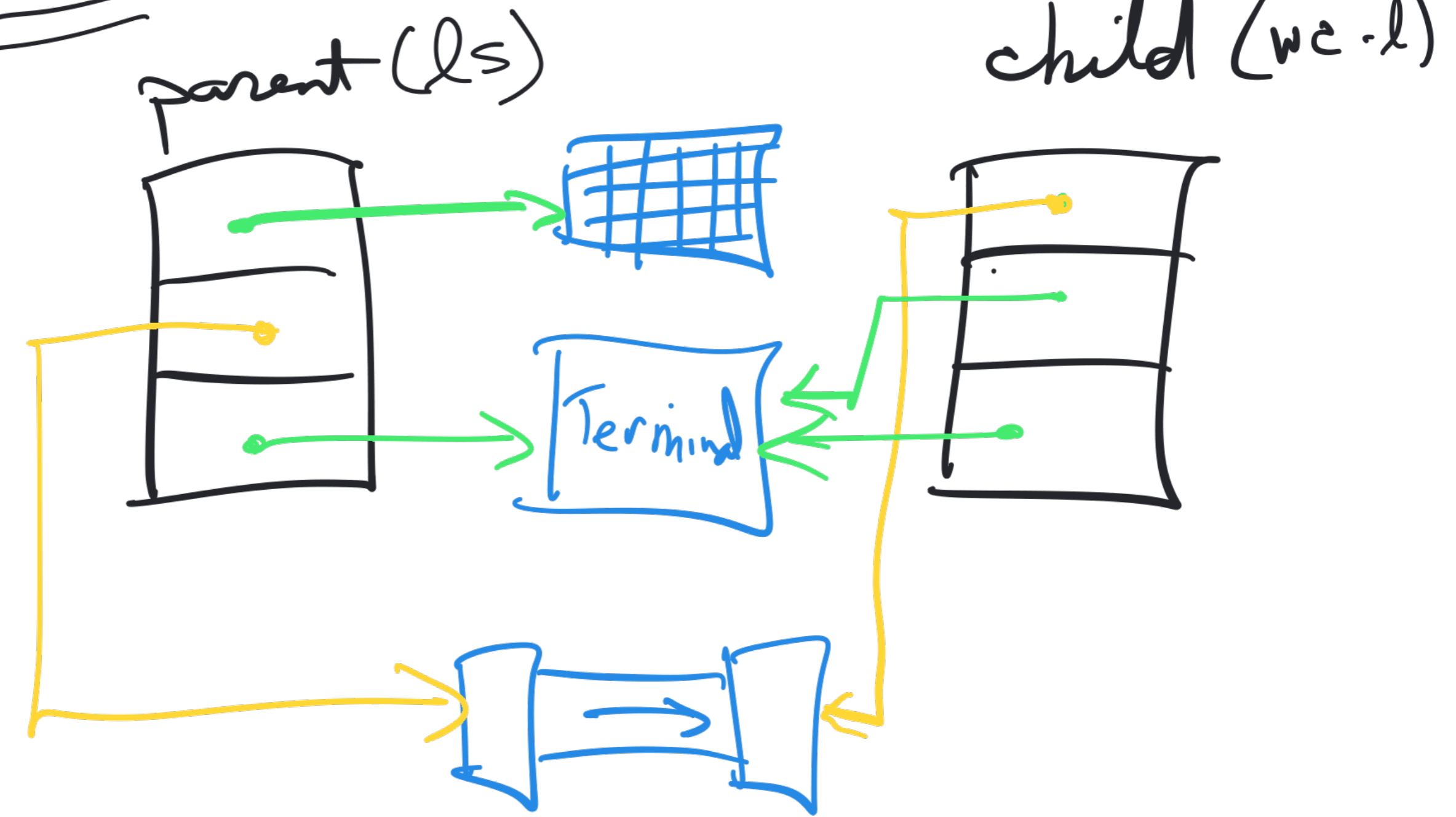
After fork
parent

Want to
change

child



Before exec we want



ls | wc -l

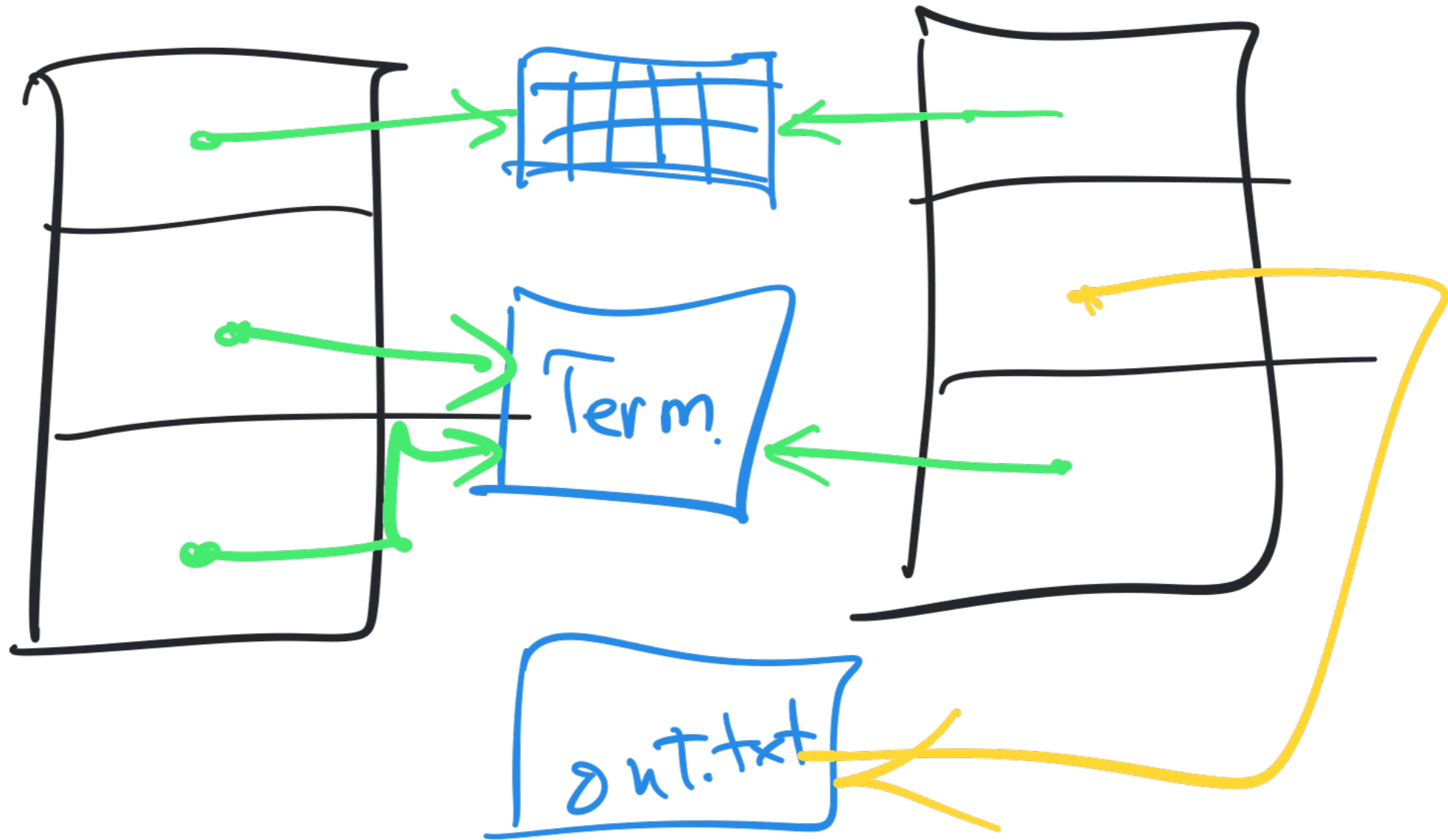
Q: what should the diagram look like for

- ① `ls > out.txt`?
- ② `wc -l < in.txt`

ls > out.txt

parent(shell)

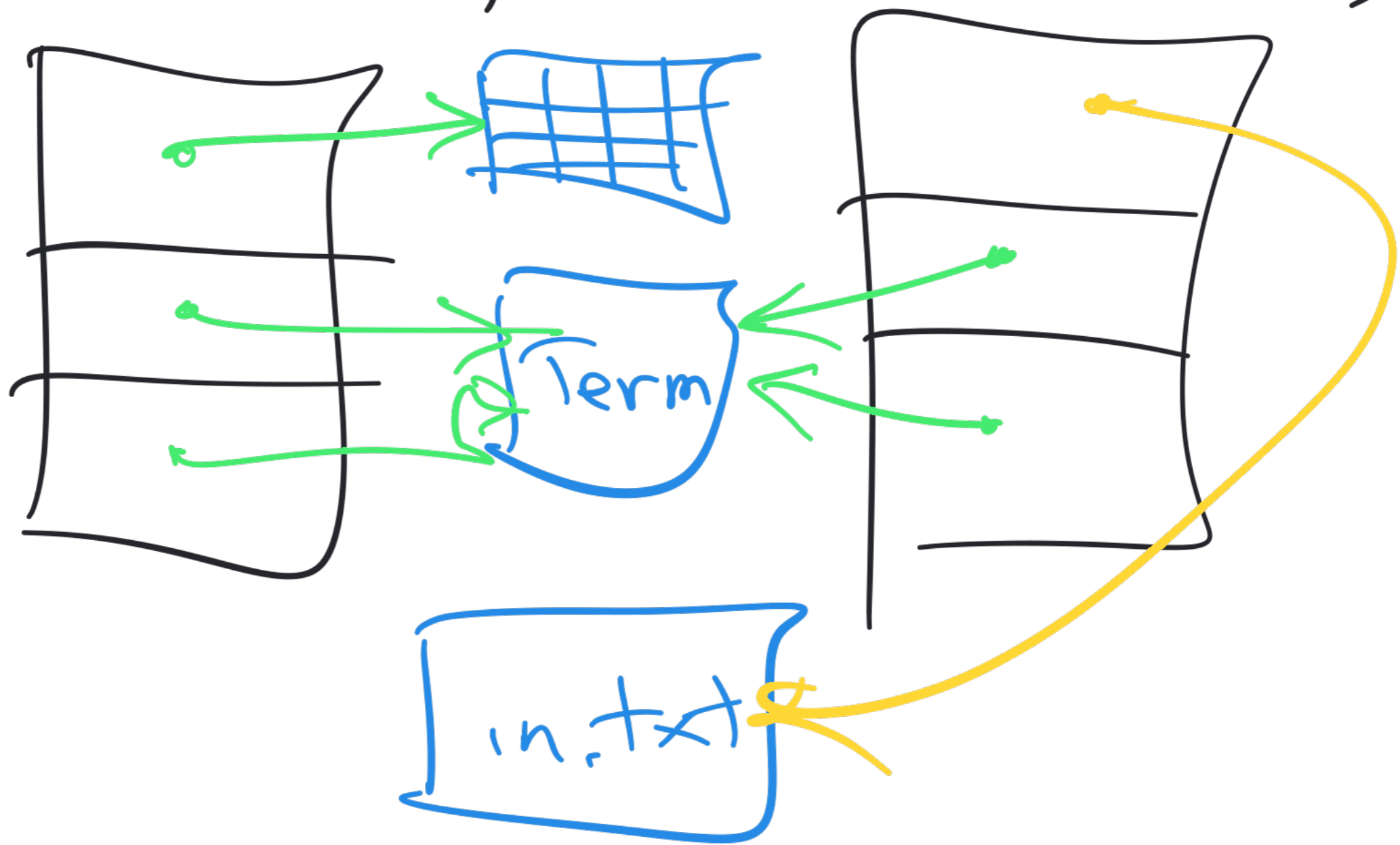
child(ls)



wc -l < in.txt

Parent (shell)

Child (wc)



printf
 putchar

fputs(stdout, ...)

etc.

→ stdout
FD#1