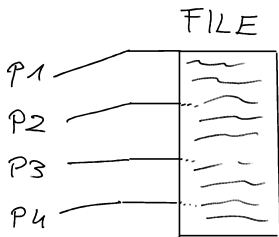# Status report - Monday, May 25

Programming ideas

Maurice Donner

25. May 2020

Goal: Increase efficiency of scripting

Goal: Increase efficiency of scripting

Idea: Instead of reading huge files over and over again, create multiple threads that read different portions of the file at the same time.

Goal: Increase efficiency of scripting

Idea: Instead of reading huge files over and over again, create multiple threads that read different portions of the file at the same time.

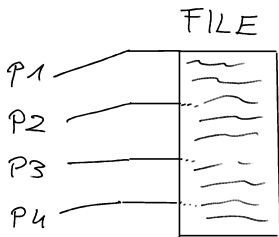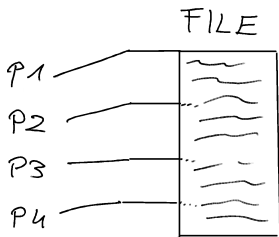

Advantages:

- Each PCB has its own seek pointer, that moves over the file at different locations. **In Theory** this should make the entire process as fast as opening the file with a text editor. (10+ minutes -> 10 seconds)
- No race conditions, because each process accesses a different portion of the file

Goal: Increase efficiency of scripting

Idea: Instead of reading huge files over and over again, create multiple threads that read different portions of the file at the same time.

Advantages:

- Each PCB has its own seek pointer, that moves over the file at different locations. **In Theory** this should make the entire process as fast as opening the file with a text editor. (10+ minutes -> 10 seconds)

- No race conditions, because each process accesses a different portion of the file

BUT: Lots of work for a simple script. String manipulation in c is painful.