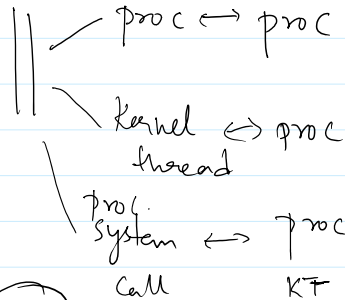


- ① first - ~~level~~ user-level process
- ② creating child processes & returning control to user space
- ③ context s/w mechanism / pcb
- ④ scheduler w/ scheduling policy



relook at the PCB  
 struct proc {

```

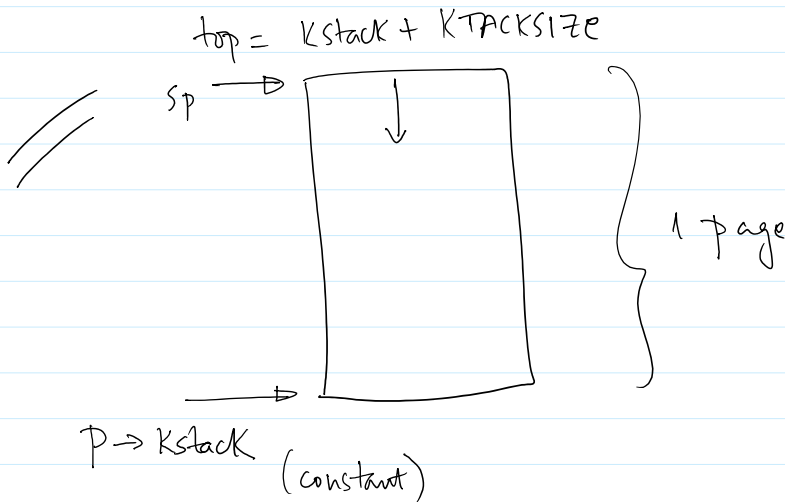
char * kstack;
struct trapframe * tf;
struct context * context;
.
.
char * pgdir;
    
```

XV6

per Kernel stack ptr. used when in Kernel mode.  
 copied to esp regs.

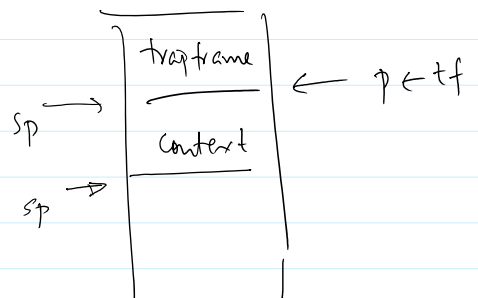
} char \* pgdir; → CR3

user context when s/wing to kernel mode



store kernel context on s/wing between processes

⊗ system call



# (2)

- when is the scheduler invoked?
- what happens on trap?
- what happens on new process?

