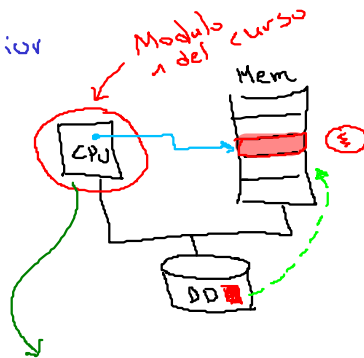


Hardware:



Programa. vs. Processo

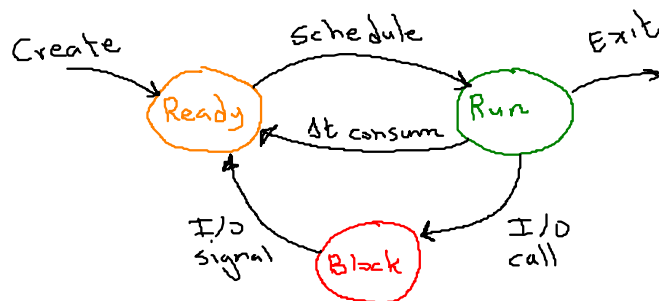
Como modelo su administracion median software?

## Abstracción → Proceso

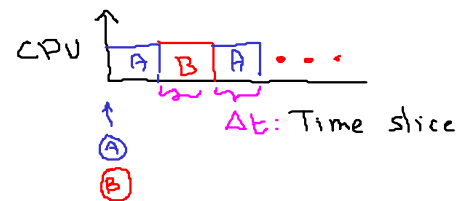


Process = CPU + Memoria + I/O

Modelo de 3 estados:

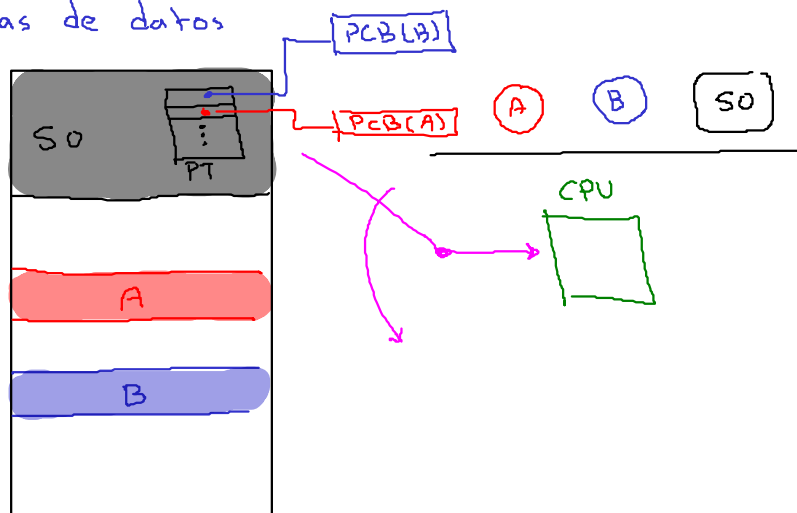


~> Multifare

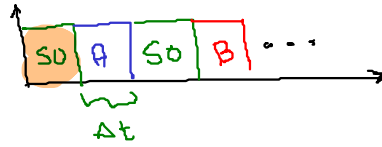
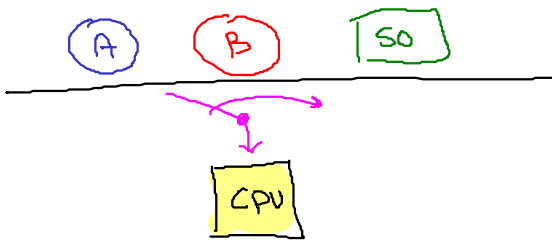


# Estructuras de datos

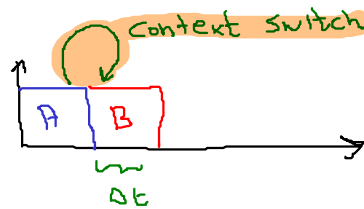
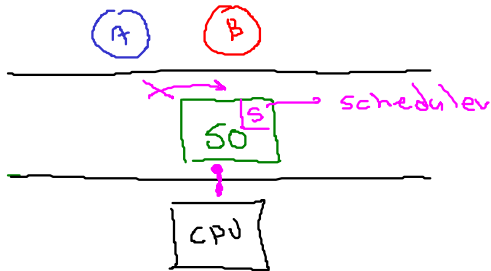
- AT: Process table
- PCB: Process Control Block.



## 2. Multiprogramación.

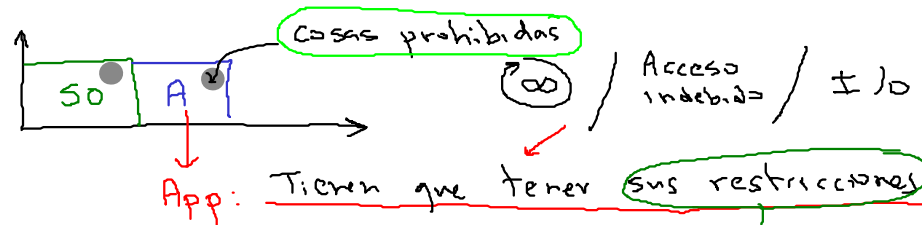
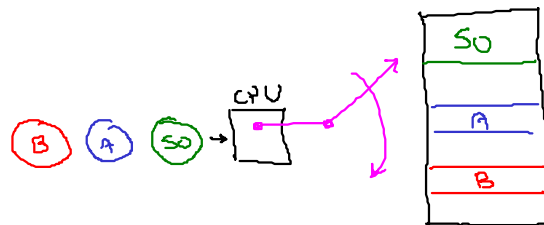
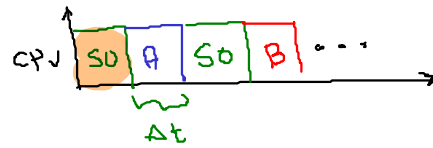
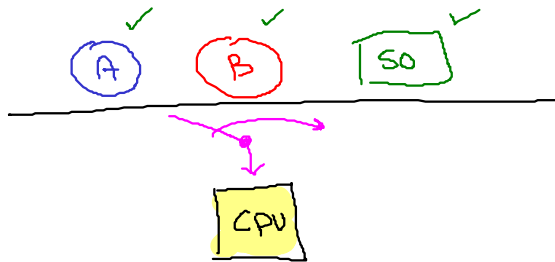


Time sharing

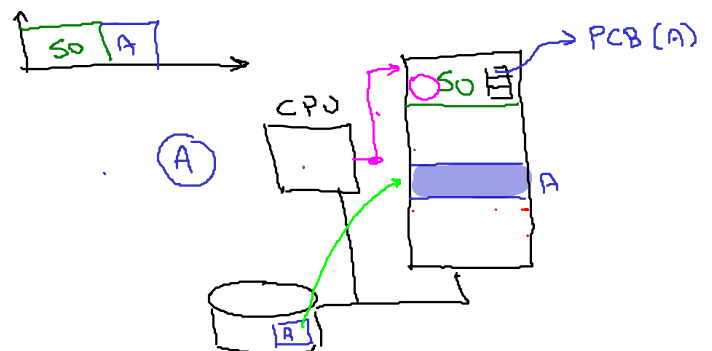


Como se comparte la CPU?

Ejecucion directa: Cada proceso usa la CPU



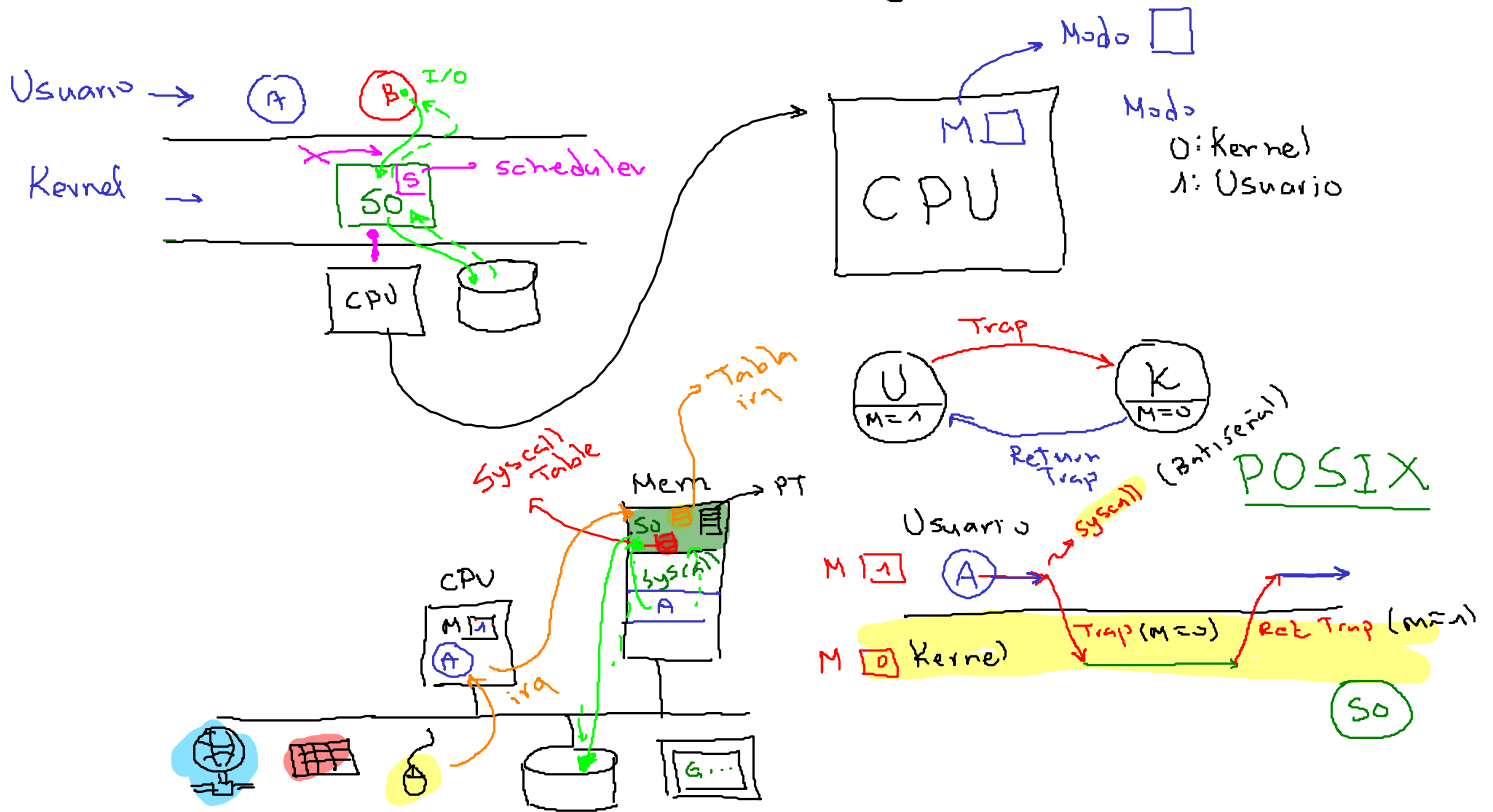
Ejecucion Directa Limitada



## Ejecucion directa limitada:

1. Como restringir las operaciones

- Modos: Usuario / Kernel
- Bit Modo
- Syscall (App)
- Interrupcion (irq)



## 2. Swicheo entre varios proceso

Actividad: Ver el video al final de las diapositivas clase.