CSE 330: Operating Systems

Class: 03 Date: 8/25

Fall 2016

Note Title

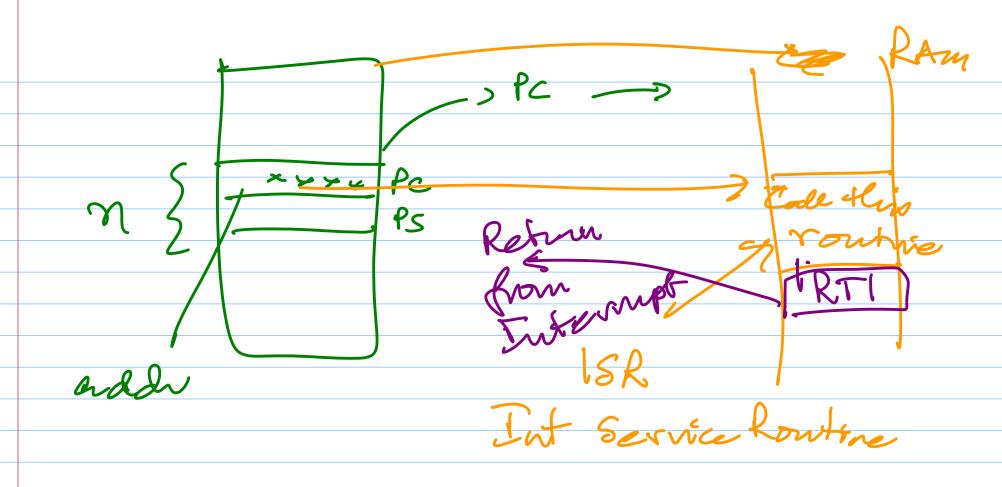
Clu protection > privileged mode

Interrupto

"external" > generated by

hardware

3 "internal" > generaled by Software Laterrupto ave numbered , o Interrupt Vector > IV 3 PC PS 4- STORED in RAM MODE BIT -- I postleged -> Interrupt no 'n' CPU -> locate IV[n] push PC on the stack move IV[n].PC -> PC , move IV [n]. Ps -> Ps



LT() Stade
Stade

CPOP)

Load PC from

8tacle

(pop)

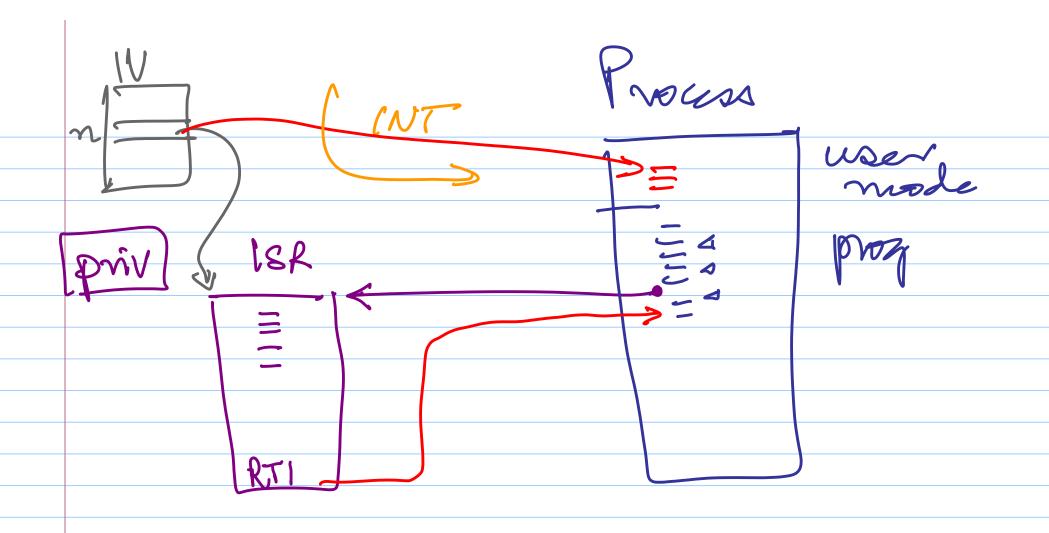
CPU protestion

Les put a 1 on all mode toil

If the IV

start a new process with

Oph mode toil set to 0



Men A Kernel A user process 1 a n 2 -> vesident code p -> core part of OS - fixed menong location V, all ISR code, static date,

System calls

show to write some dates

en mourts

Screen

flo etc

printf ("Hello world on) Sputo "helio world into mem 4 gets a phr & move ptr to RI puts a syscal code for

Printf & sato up Ro, Ry

INT Dx80 -> generales

au interrupt

Call to the ISR x80

(V° PC Switch [RO] PS Syscall -> 3 call write

write () Kernes = sets up ontput rowring I use device = 1/done

