

Scheduling
Abstraction: Continuous execution
Isolation: CPU-heavy applications/processes switted ant
out

Why study systems?

how thing work

3. Why study systems?

a. how things work

b. ideas are everywhere

c. fundamental design trade-offs

d. unsolved problems

e. skills building

4. How will we study?

5. Mechanics + admin

B Comms 13 Components 13 labs * 10/24/21 Bexams 12 reading 1 = lass
12 recitation / review 13 grading 13 policies Unix 6. History (abridged) 7. Processes Key abstraction

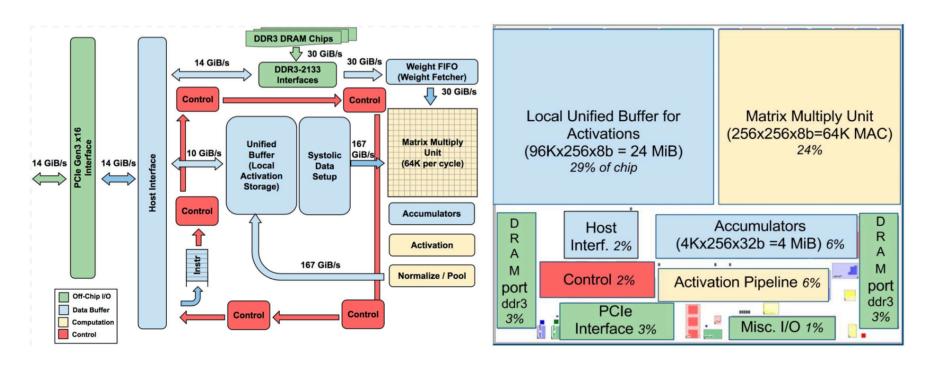
enacs foo.c gcc foo.s as foo.e my-prog loader

process

processes can be understood in two ways:
-from the process's point of view

- from the OS's point of view

C? x86-64? My Future Is In Machine Learning!



 Cutting-edge ML backed by custom TPU, unique system software and OS support...



