

# Virtual Machine

- Software that makes code (running in a process) think that it's running on raw hardware
- A *virtual machine monitor* runs in the *host operating system*
  - It loads and run disk images for *guest operating systems*
  - Operations in the guest operating system that are normally not allowed trap into the virtual machine monitor
    - Guest operating system tries to change page tables
    - Guest operating system tries to disable interrupts
  - Virtual machine monitor emulates the hardware

