



Memory Access

- Where is the memory located?
  - Cache - L1, L2 etc.
  - RAM
  - Disk

- Page faults
  - Memory could be paged to disk if it is large and the system runs out of memory between RT callbacks
  - Constantly “poke” memory with a dedicated low-priority thread
  - `mlock()/munlock()` (POSIX)
  - `VirtualLock()/VirtualUnlock()` (Windows)

**ADC**



# Memory Access

- Where is the memory located?
  - Cache - L1, L2 etc.
  - RAM
  - Disk
- Page faults
  - Memory could be paged to disk if it is large and the system runs out of memory between RT callbacks
  - Constantly “poke” memory with a dedicated low-priority thread
  - `mlock()/munlock()` (POSIX)
  - `VirtualLock()/VirtualUnlock()` (Windows)

# Memory Access

