

DISTRIBUTED SHARED MEMORY

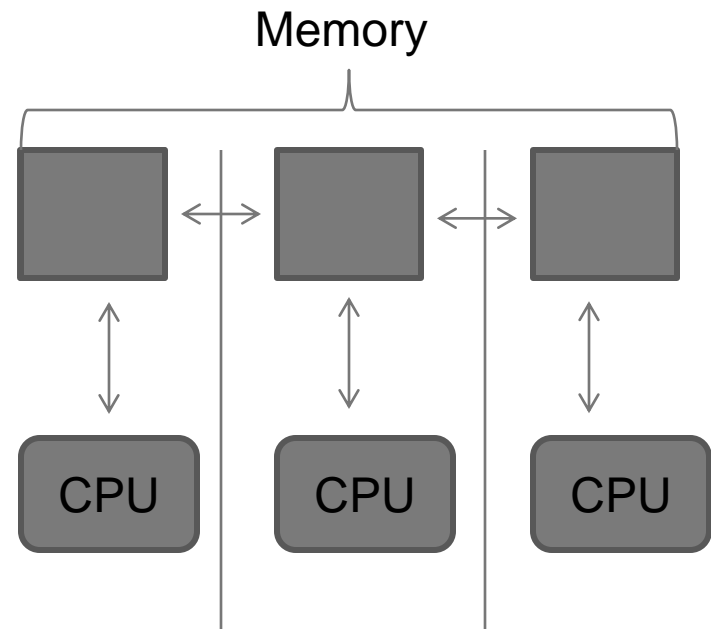
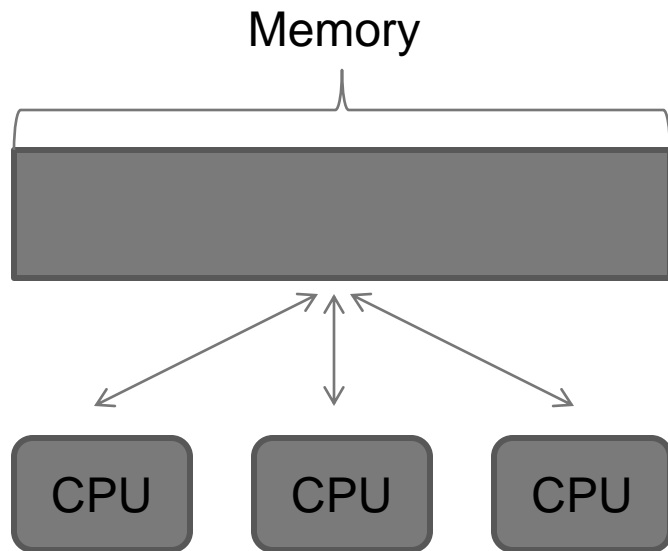
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GOALS

- **Multiple processes share an address space**
 - Do not share any physical memory



IMPLEMENTATION

- **Memory begins read only**
- **If write is attempted: Page fault**
 - Invalidate other processors' memory
 - Resume execution
- **If read is attempted on invalid memory: Page Fault**
 - Get correct value
 - Mark own memory valid
 - Resume execution