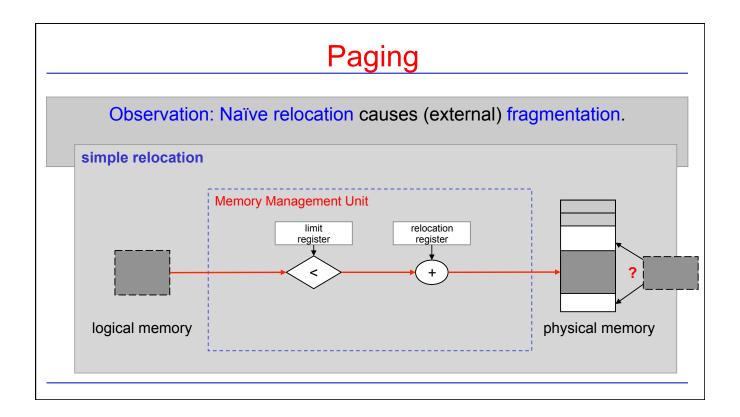
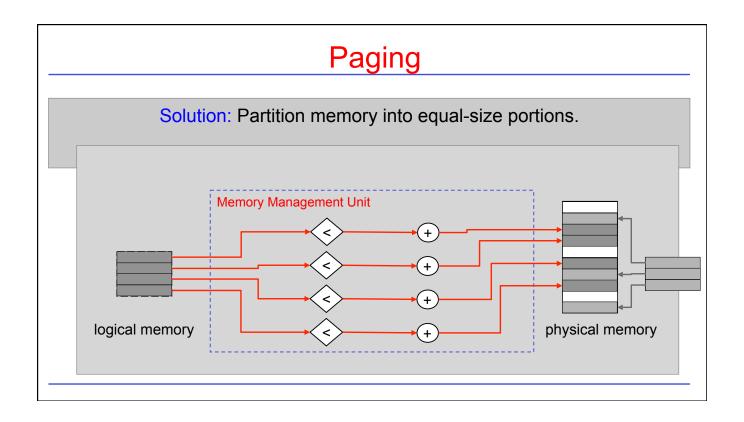
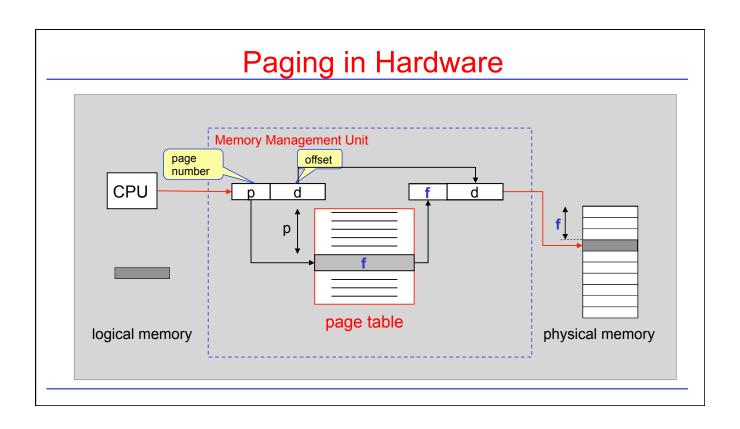
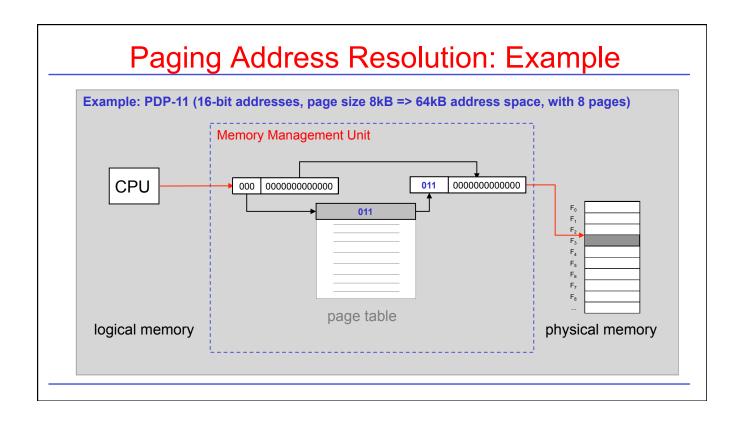
Paging

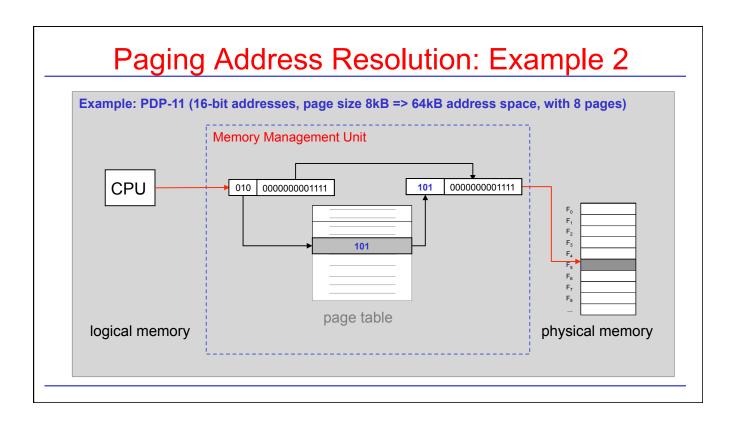
- Memory Relocation and Fragmentation
- Paging
- The Memory-Lookup process in hardware
- Paging and Internal Fragmentation



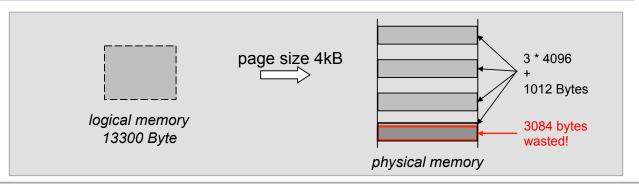








Internal Fragmentation in Paging



- Observation: Last frame may not be completely full.
- General Rule: Average internal fragmentation per block is typically half frame size.
- Q: Frames: large or small?!
 - Large frames cause more fragmentation.
 - Small frames cause more overhead (page table size, disk I/O)

Paging: Summary

- Paging eliminates External Fragmentation
- The Memory-Lookup process in the MMU
- Paging allows for large address spaces
- Paging does not completely eliminate Internal Fragmentation