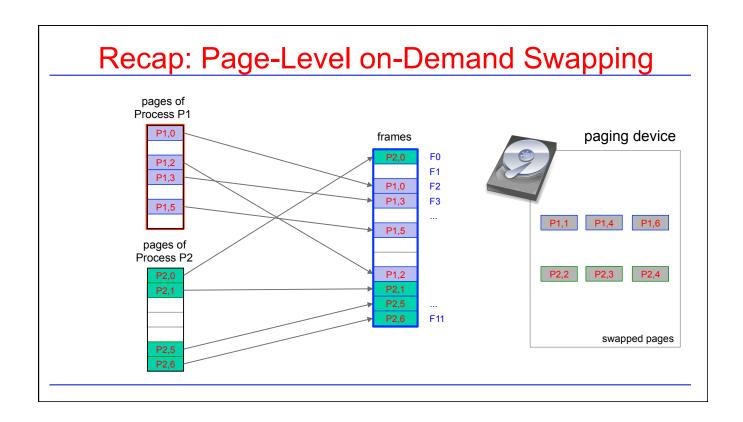
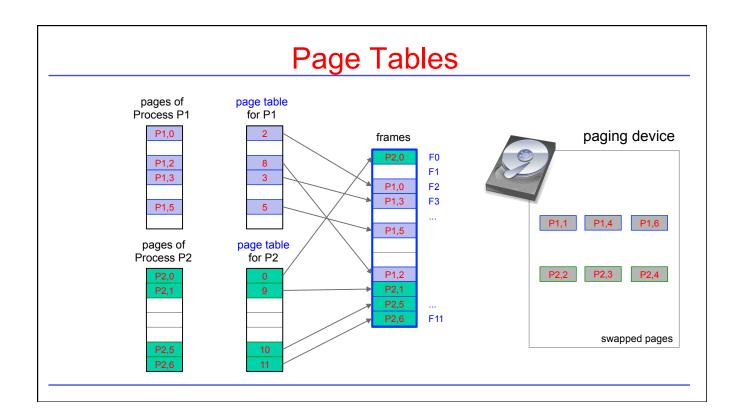
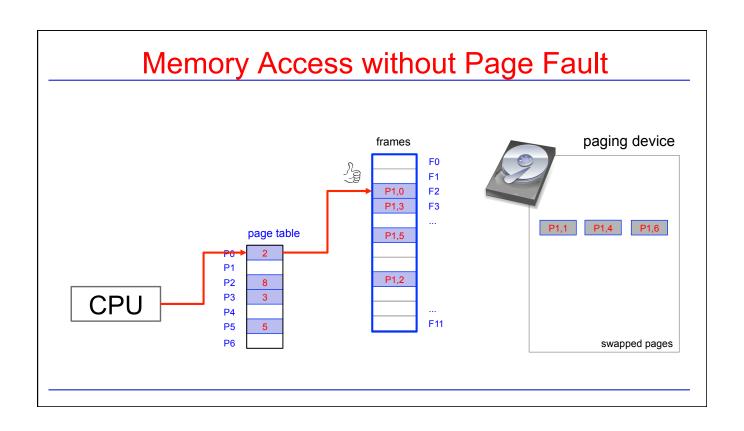
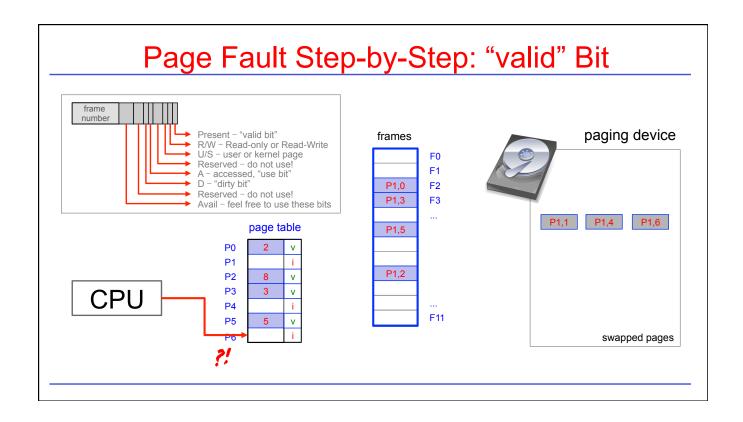
Virtual Memory: Mechanics of Page Faults

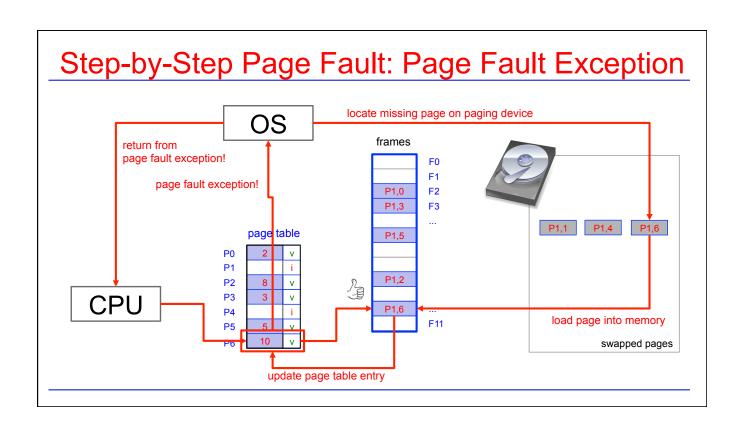
- Recap: Page-level on-demand Swapping "Paging"
- Role of Page Table
- Page Faults Step-by-Step: the "valid" Bit in Page Table
- Page Replacement
- The "dirty" Bit to minimize I/O write operations
- The "use" Bit to identify recently-used pages

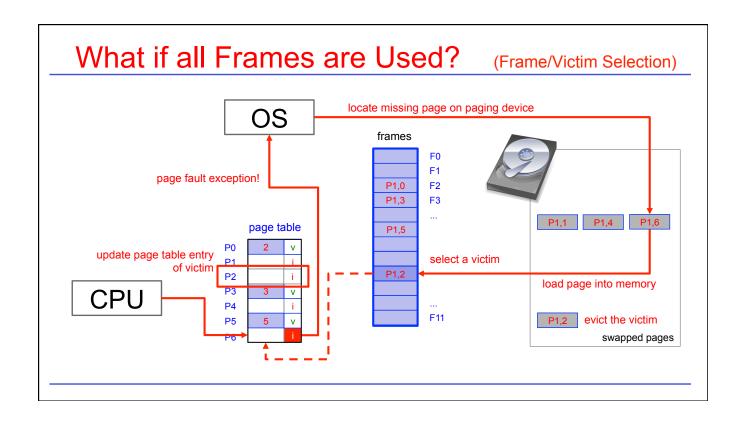


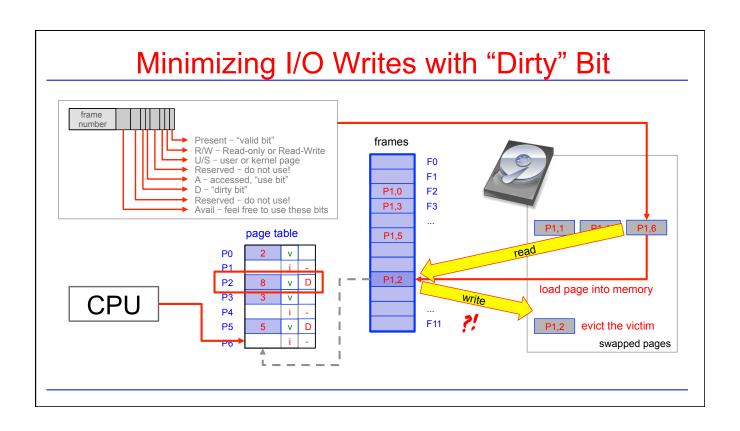


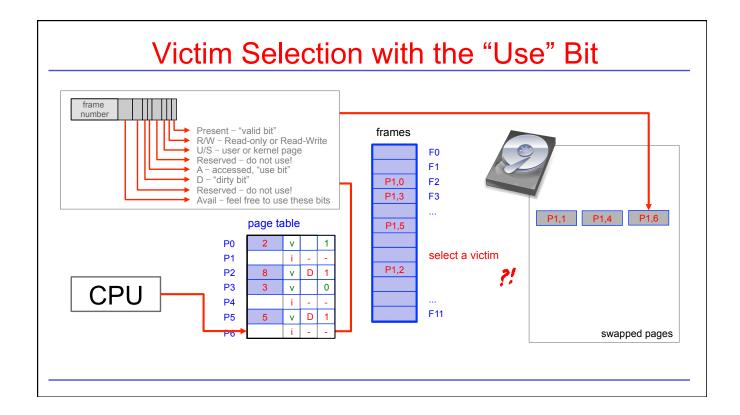












Virtual Memory: Mechanics of Page Faults

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