

Slide 1







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Slide 6

Page Tables, Revisited What do we need for each entry in a page table? Page frame number. Present/absent bit (was valid/invalid). Protection bit(s). "Modified since last page-in?" bit. "Referenced recently?" bit. "Okay to cache?" bit. Goal is to keep this somewhat minimal — mostly data the MMU needs. If present/absent bit says "absent", two cases — error and "page not in memory right now" — MMU should generate "page fault" interrupt, let page fault interrupt handler decide.

