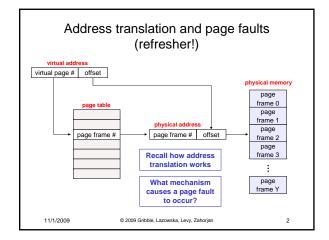
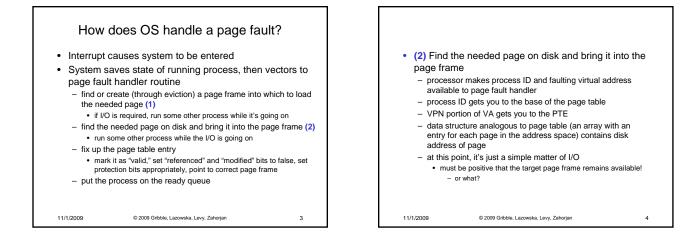
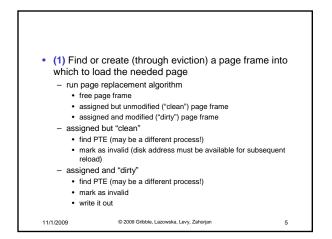
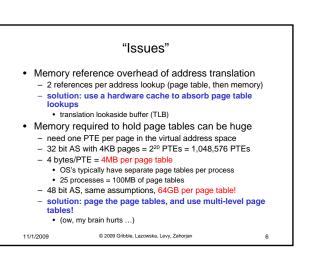


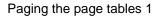
Ed Lazowska lazowska@cs.washington.edu Allen Center 570







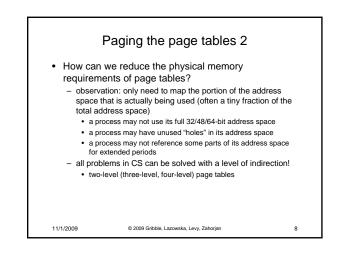


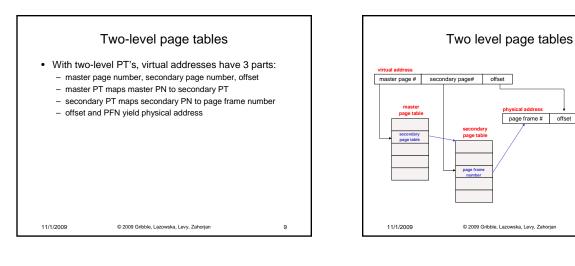


- · Simplest notion:
 - put user page tables in a pageable segment of the system's address space
 - wire down the system's page table(s) in physical memory
 - allow the system segment containing the user page tables to be paged

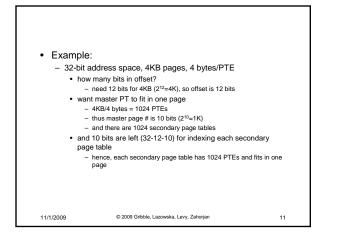
 - a reference to a non-resident portion of a user page table is a page fault in the system address space the system's page table is wired down
 - "no smoke and mirrors"
- · As a practical matter, this simple notion doesn't cut the mustard today
 - although it is exactly what VAX/VMS did!
- · But it's a useful model for what's actually done

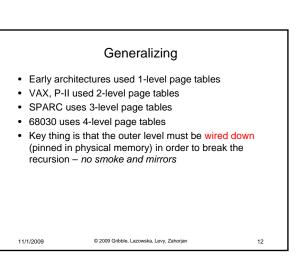
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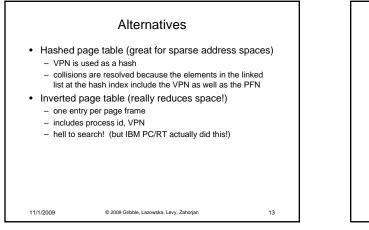


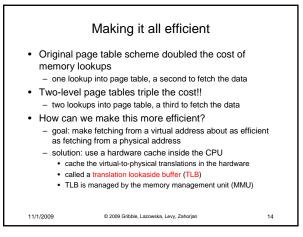


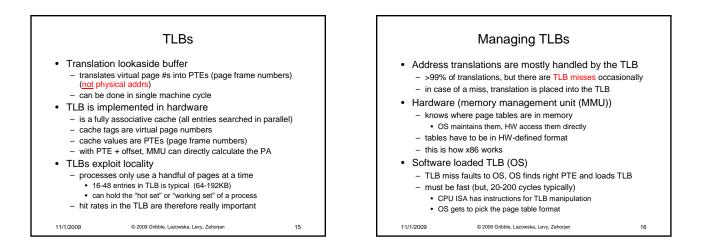
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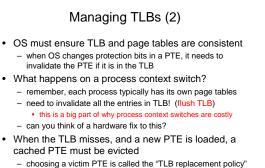
page frame 1 page frame 2 page frame 3 ÷ page frame Y

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implemented in hardware, usually simple (e.g., LRU)

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