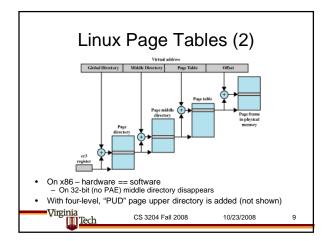
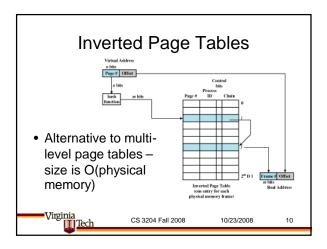


Example: x86 Page Table Entry	Page Table Management on Linux
Page-Table Entry (4KByte Page) 1 1211 9.0.7.6.5.4.3.2.1.0 Page base Address Available for system programmer's use Page Table Attribute Index. Dirty Accessed Cache Disabled. Write: Frongin Present. • Note: if bit 0 is 0 ("page not present") MMU will ignore bits 1-31 – OS can use those at will	 Interesting history: Linux was originally x86 only with 32bit physical addresses. Its page table matched the one used by x86 hardware Since: Linux has been ported to other architectures x86 has grown to support 36bit physical addresses (PAE) – required 3-level page table Linux's now uses 4-level page table to support 64-bit architectures
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