





CSC 256/456 - Spring 2007





Page Table with Virtual Memory • With each page table entry a valid-invalid bit is associated $(1 \Rightarrow \text{in-memory}, 0 \Rightarrow \text{not-in-memory or invalid logical page})$ в С D AB C Е C D E F G F F н logical 2/21/2007 CSC 256/456 - Spring 2007 4







Page replacement is necessary when no physical frames are available for demand paging. a victim page would be selected and replaced 4 dirty bit for each page indicating if a page has been changed since last time loaded from the backing store. indicating whether swap-out is necessary for the victim page. How is it maintained? Does it need to be in the page table entry?









Disclaime	er	
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