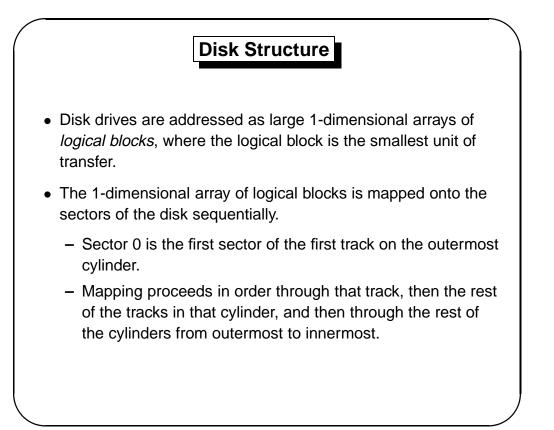
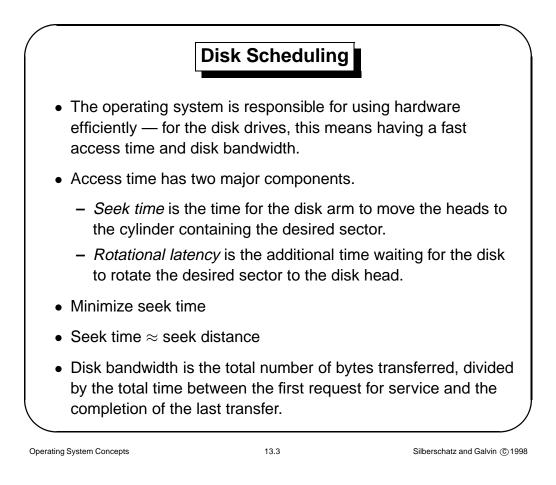
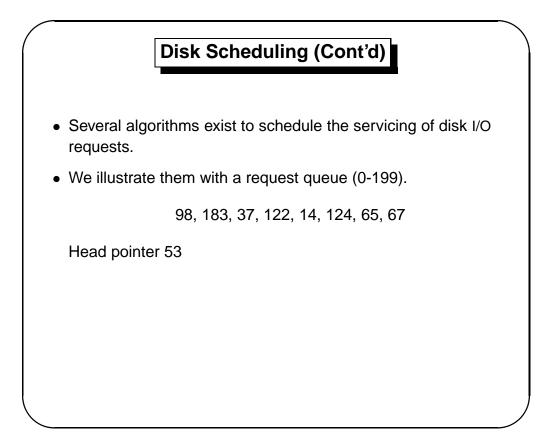


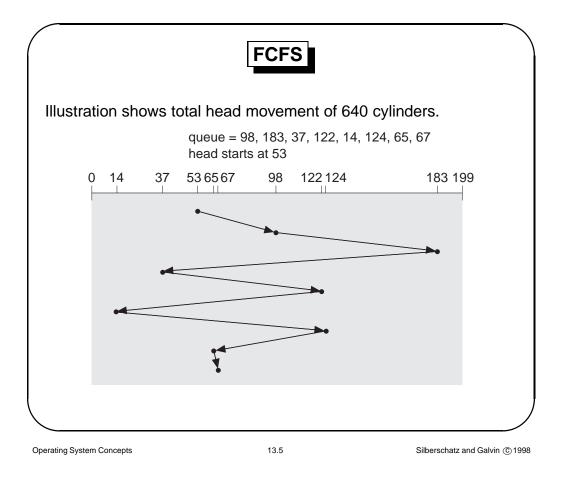
**Operating System Concepts** 

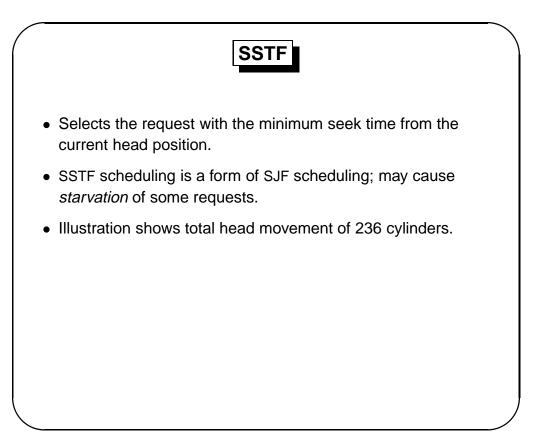
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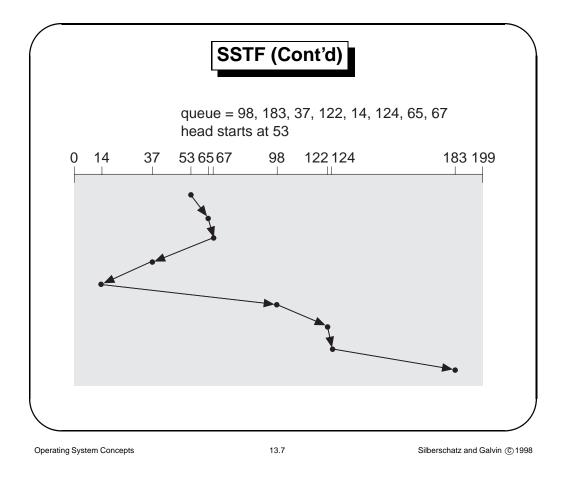


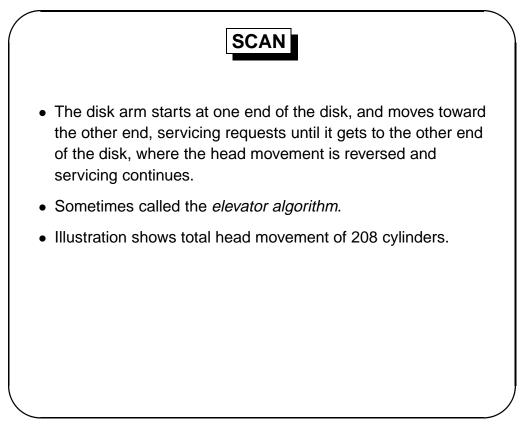


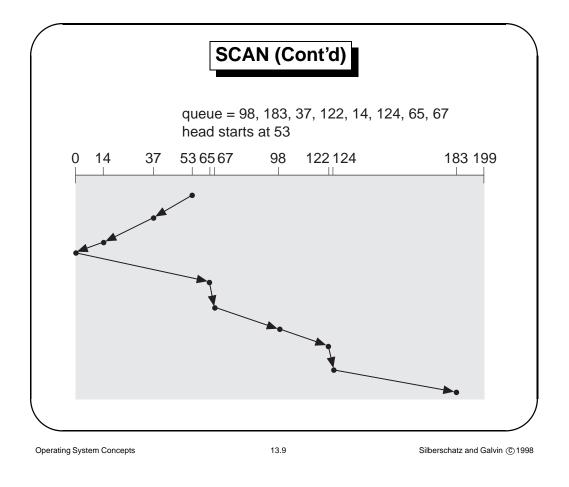


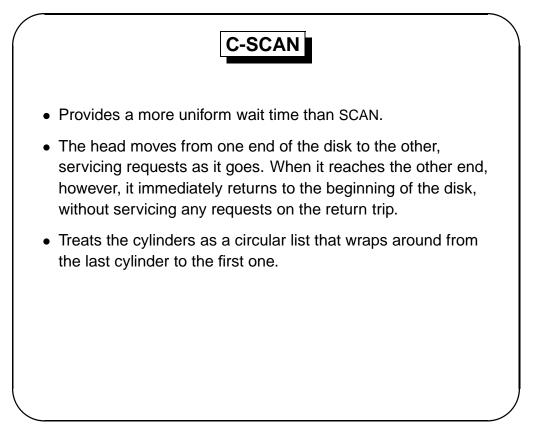


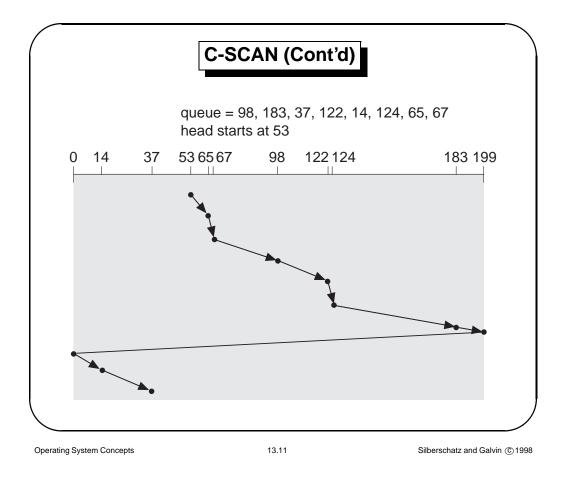


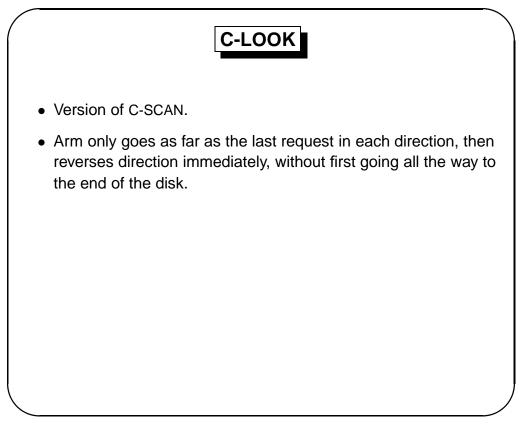


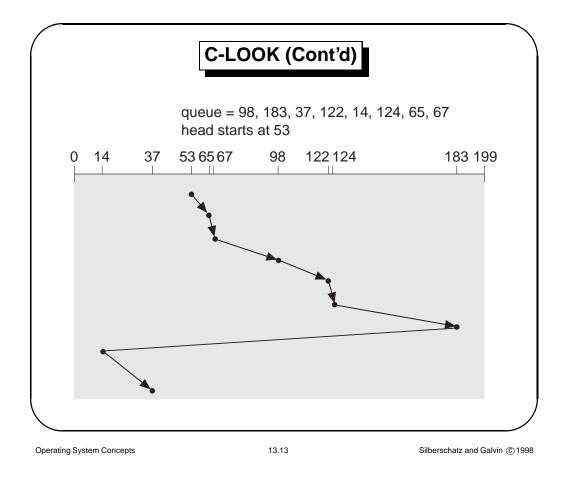


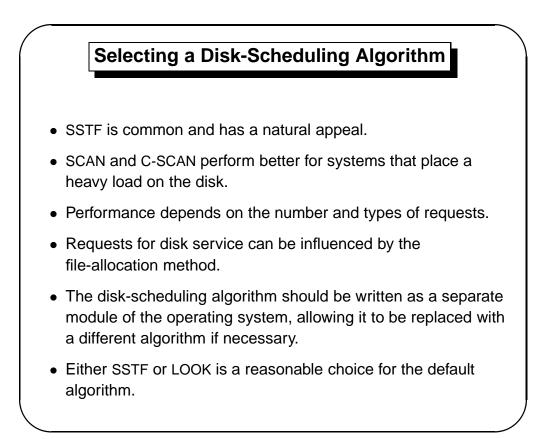


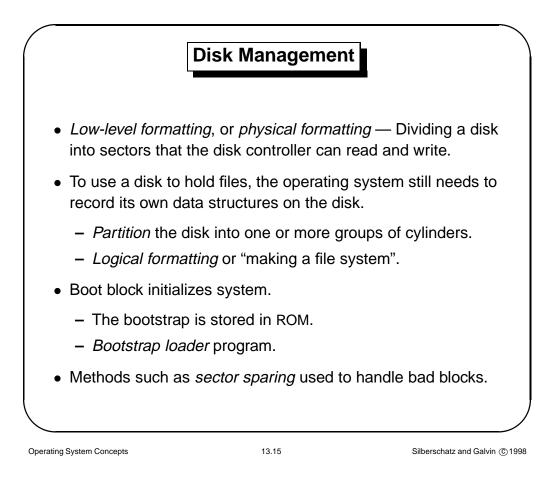


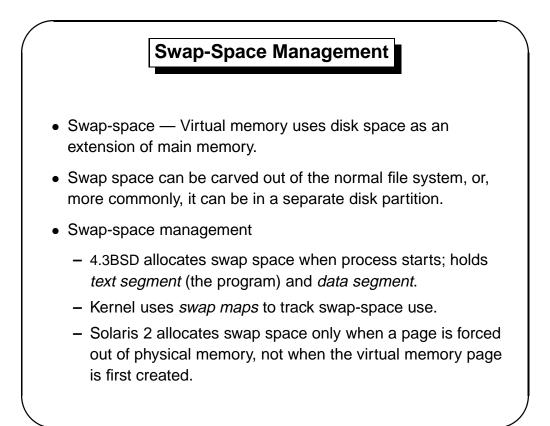


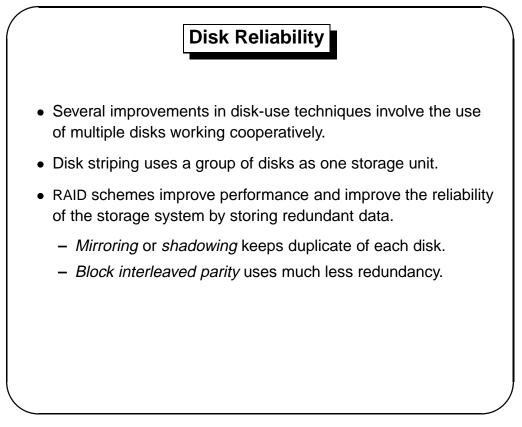








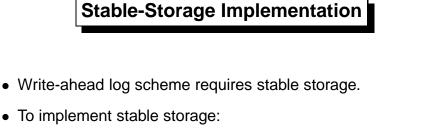




Operating System Concepts

13.17

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 Replicate information on more than one nonvolatile storage media with independent failure modes.

 Update information in a controlled manner to ensure that we can recover the stable data after any failure during data transfer or recovery.