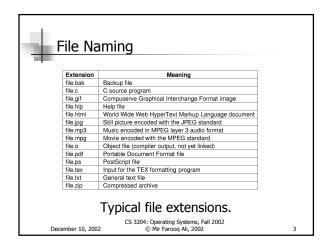


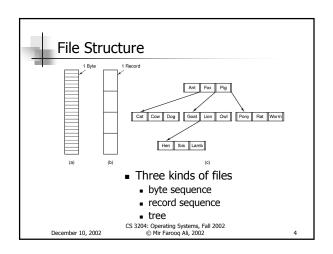


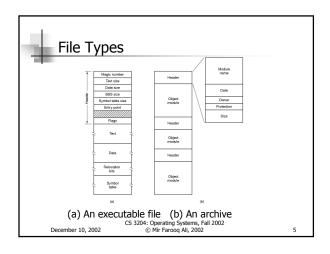
- 1. Must store large amounts of data
- 2. Information stored must survive the termination of the process using it
- 3. Multiple processes must be able to access the information concurrently

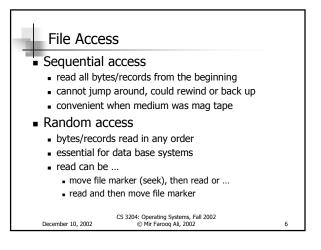
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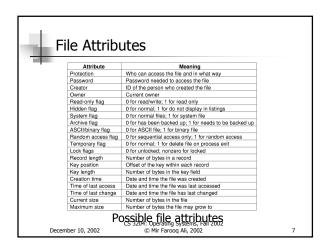
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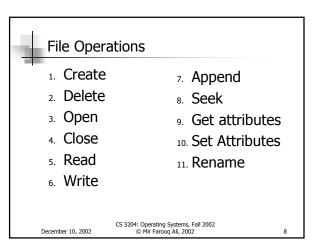


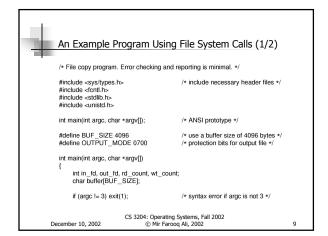


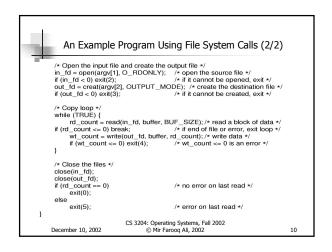


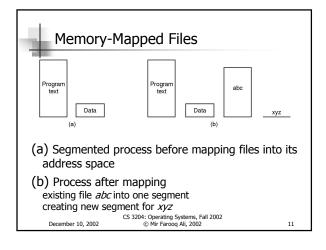


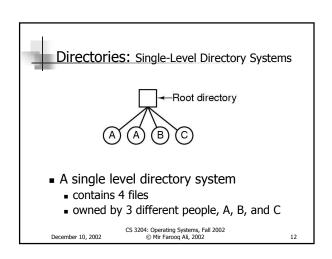


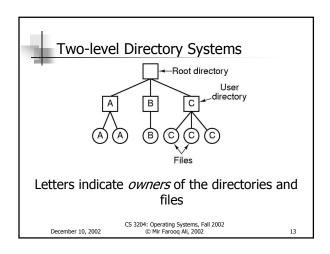


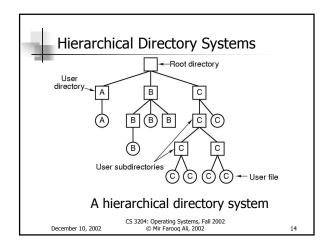


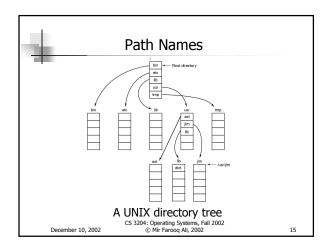


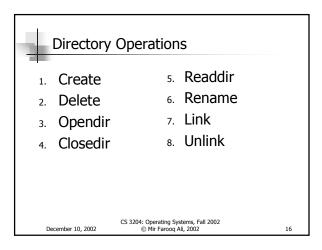


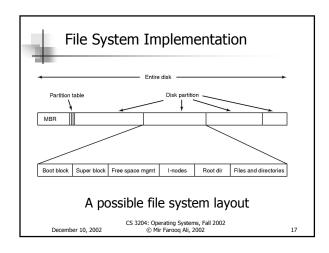


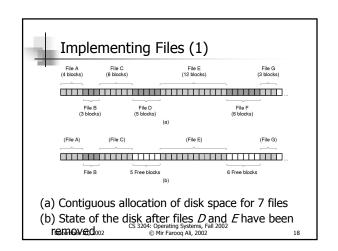


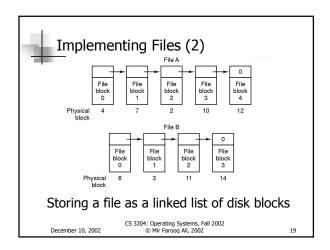


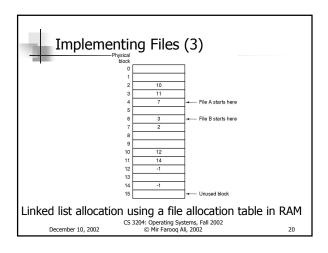


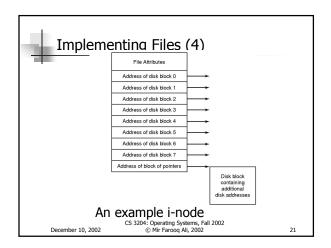


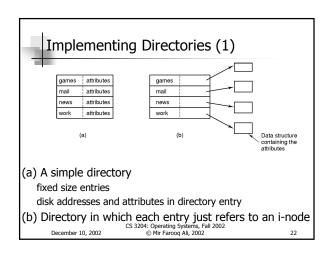


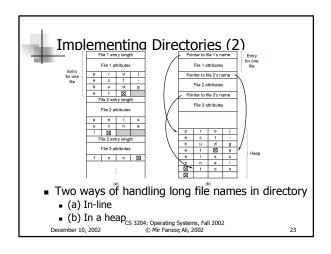


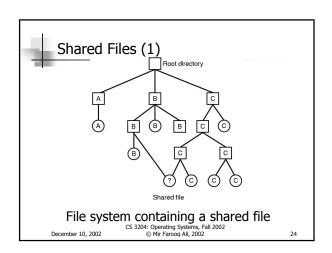


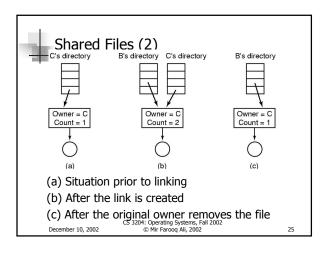


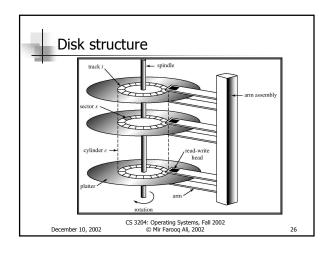


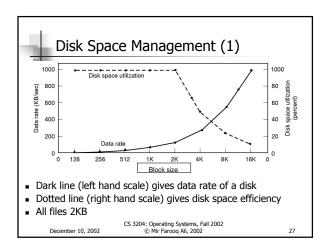


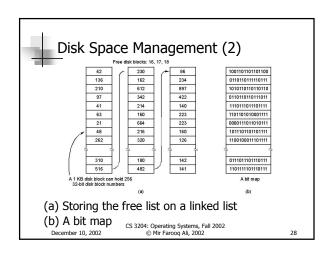


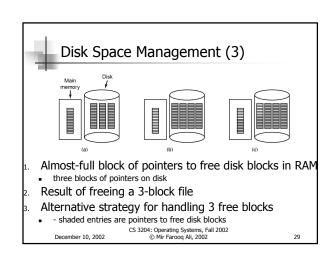


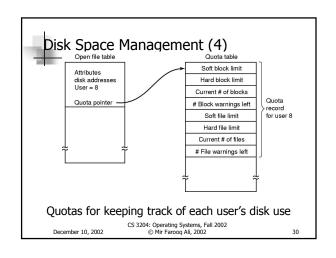


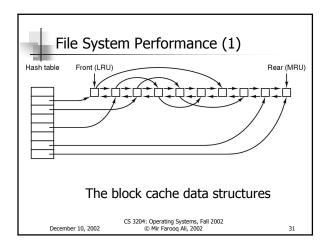


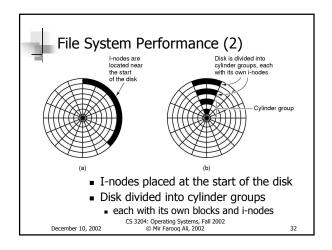












Log-Structured File Systems

- With CPUs faster, memory larger
 - disk caches can also be larger
 - increasing number of read requests can come from cache
 - thus, most disk accesses will be writes
- LFS Strategy structures entire disk as a log
 - have all writes initially buffered in memory
 - periodically write these to the end of the disk log
 - when file opened, locate i-node, then find blocks

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