

Naming and Directories

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Operating Systems

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Recall from the last time...

- A *file header* associates the file with its data blocks

File Header Storage

- Under UNIX, a file header is stored in a data structure called *i-node*
- For early UNIX systems
 - I-nodes are stored in a special array
 - Fixed number of array entries
 - Maximum number of files fixed
 - Not stored near data blocks on disk
 - Reading a small file involves
 - One disk seek to get the i-node
 - Other disk seek(s) to get file blocks