File types Directories Implementation => How Disk is structured Implementation => How free disk space is managed? Implementation => How files are managed? File/ Directory Implementation => How files and directories are stored? (next lecture) Implementation = > How shared files are

managed? (next lecture)

User view=> definition

Implementation view=>context of file

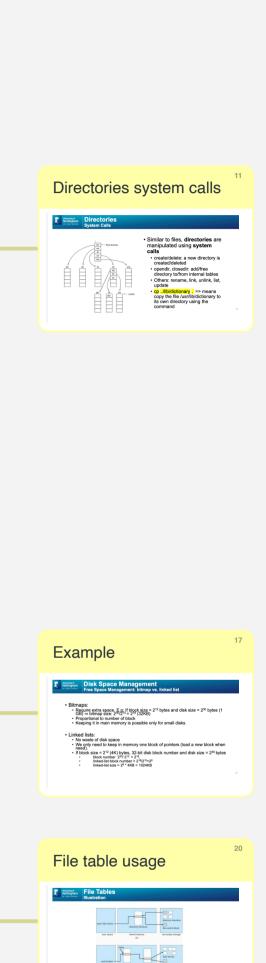
system

What is File System

Management

Different views of file

system



File system calls

Directory structure

The use of DAGs results in significant complications in the implementation
Files have multiple absolute file names
Deleting files becomes a lot more complicated (i.e. links may no longer point to a file)

Partition layout

Bitmap vs. Linked list

File table management