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## A Little About Files A key underlying concept — "everything's a file" (sequence of bytes). Directories are files. Devices are represented as "special files". Many files are text. Windows/DOS "extensions" idea doesn't really apply. Slide 6 Also no notion of "drive letters" — all paths form a single hierarchy. Removable media can be "mounted" (incorporated into the hierarchy) and "unmounted". We won't review basic commands for navigating and manipulating the filesystem, but you should if you've forgotten (cd, ls, cp, mv, rm, mkdir, rmdir).



A Little About Files – Links
"Links" (hard or soft) allow non-tree directory structure.
"Soft" (symbolic) link (ln -s) is just a special type of file pointing to another file. Allows access through either name, but can "break" if pointed-to file isn't there.
Slide 8 "Hard" (non-symbolic?) link (ln) only works within a filesystem but creates a second directory entry to the same underlying file. File itself exists until all (hard) links to it are gone.



Minute Essay
• Anything today particularly unclear, or that you want to hear more about?
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