



## **Filesystems**

Each file volume (*filesystem*) has a *type*, determined by its disk layout or the network protocol used to access it. *ufs* (*ffs*), *lfs*, *nfs*, *rfs*, *cdfs*, etc.

Filesystems are administered independently.

Modern systems also include "logical" pseudo-filesystems in the naming tree, accessible through the file syscalls.

> *procfs*: the */proc* filesystem allows access to process internals. *mfs*: the *memory file system* is a memory-based scratch store.

Processes access filesystems through common system calls.

Systems & Architecture



























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