

File-System Internals



Exercises

- 15.9 Assume that in a particular augmentation of a remote-file-access protocol, each client maintains a name cache that caches translations from file names to corresponding file handles. What issues should we take into account in implementing the name cache?
- 15.10 Given a mounted file system with write operations underway, and a system crash or power loss, what must be done before the file system is remounted if: (a) The file system is not log-structured? (b) The file system is log-structured?
- 15.11 Why do operating systems mount the root file system automatically at boot time?
- 15.12 Why do operating systems require file systems other than root to be mounted?

