The Tables

Two levels of internal tables in the OS

A per-process table tracks all files that a process has open. Stores

- the current-file-position pointer (not really)
- access rights
- more...

a.k.a file descriptor table

A system-wide table keeps process-independent information, such as

- the location of the file on disk
- access dates
- file size
- file open count — the number of processes opening this file