

Network Programming

File Data Structures

Note: This class lecture will be recorded!

If you do not consent to this recording, please do not ask questions via your video, audio or public chat; send your question to the instructor using the private chat.

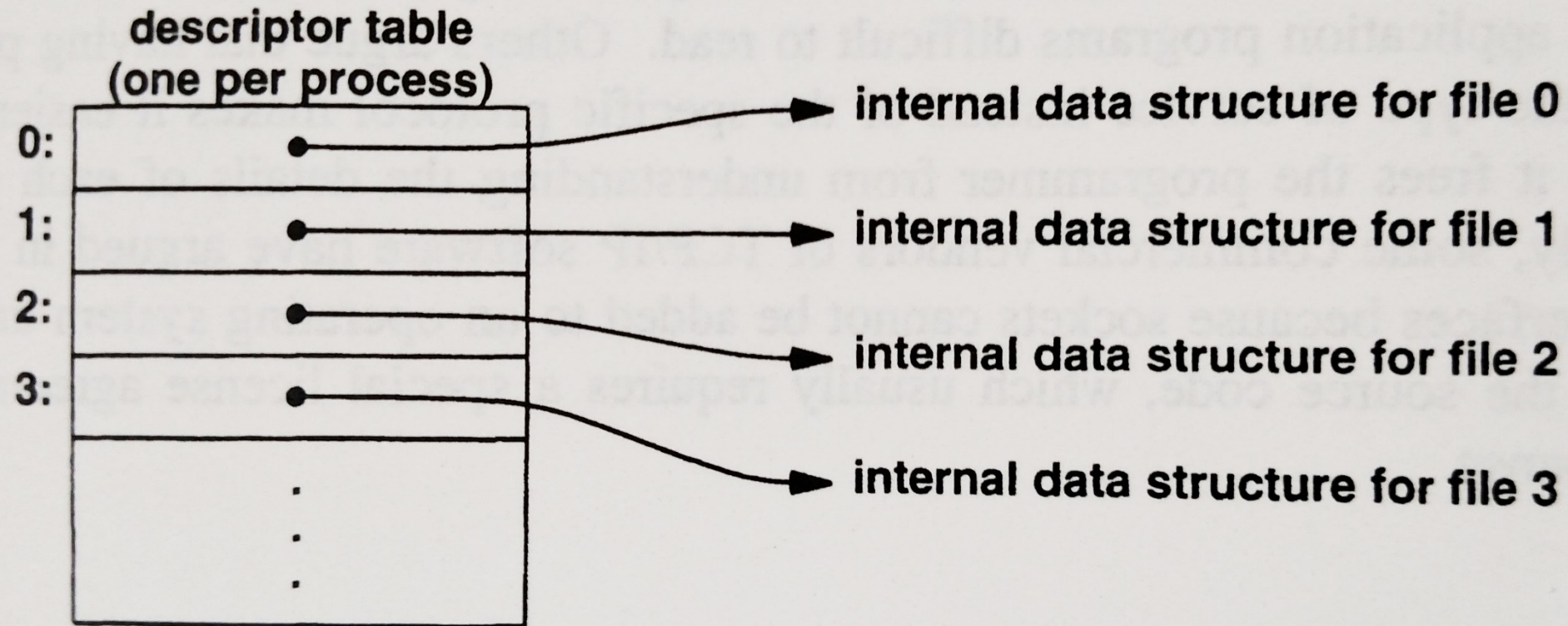
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File Descriptors

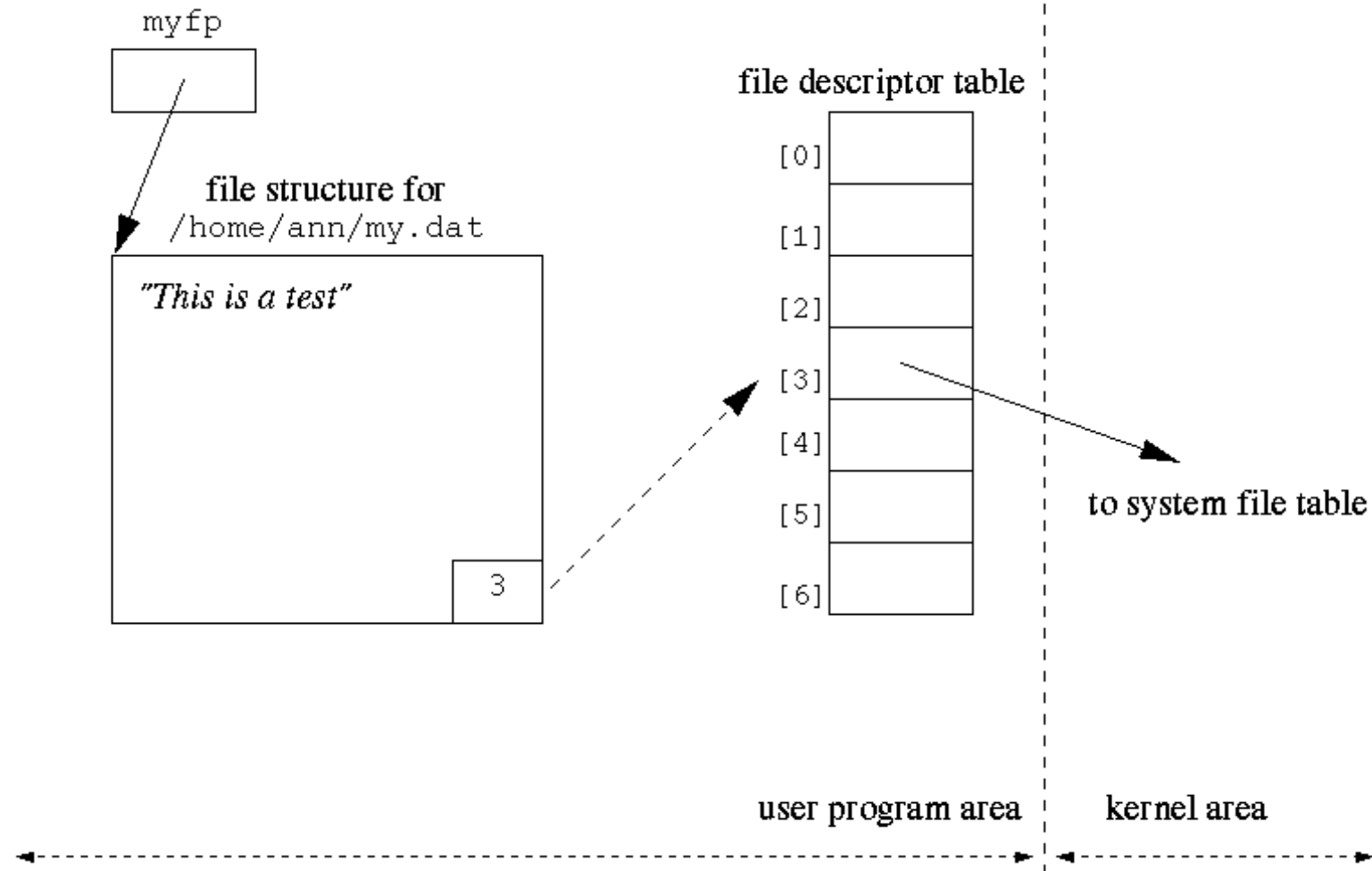
- ▶ What is a file descriptor?
- ▶ File descriptor table
- ▶ Pre-defined file descriptors
- ▶ File Position Pointer
- ▶ File Pointer
 - ▶ ISO C functions
- ▶ ***Socket Descriptor***

File Descriptor Table

Operating System



File Pointer



file descriptor table

[0]	
[1]	
[2]	
[3]	

myfd

3

user program area

system file table

in-memory inode table

entry for <code>/home/ann/my.dat</code>

kernel area

B

