

Linux driver assignments – 2 - procfs related

1. based on the example of proc file – `proc_seq_example1.c` , implement the following:

Create a new proc entry under `/proc/proc_test/test`. When you access this file you must get the pid, tgid, cmd and kernel-stack address of every process in the system.

Please note that this very different from the example. Here, you do not create the structures, but use the existing structures.

Hints: - read about procfs from ch4 of LDD/3

- read class notes related to procfs
- read about procfs from the comments given in `proc_seq_example1.c`
- read about procfs from `<KSRC>/Documentation/filesystems/seq_file.txt`
- first, get a good understanding of `proc_seq_example1.c` and its working
- read ch3 of LKD/3 for process related data structures – master pd list
- read ch4 of ULK/3 for process related data structures – master pd list