

Experiment - 8

Observe and understand the process map of the previous two lab programs (Experiment 6 and Experiment 7) using pmap command.

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sia@sia-VirtualBox: ~/folder1
sia@sia-VirtualBox: ~/folder1$ pmap -x 3596
sia@sia-VirtualBox: ~/folder1$ pmap -x 3983
sia@sia-VirtualBox: ~/folder1$ ./a.out
Current Process ID= 3985
Segmentation Fault (core dumped)
sia@sia-VirtualBox: ~/folder1$ pmap -x 3992
3992: ./a.out 1000 20
Address      Kbytes      RSS      Dirty Mode Mapping
000055f5e69e8000      4         4      0 r---- a.out
000055f5e69e9000      4         4      0 r-x-- a.out
000055f5e69ea000      4         4      0 r---- a.out
000055f5e69eb000      4         4      4 r---- a.out
000055f5e69ec000      4         4      4 rw--- a.out
000055f5e69ed29000     132         4      4 rw--- [ anon ]
00007f8b0b4b1000 1024016 1024012 1024012 rw--- [ anon ]
00007f8b49cb5000     160        160      0 r---- libc.so.6
00007f8b49cdd000    1620       1028      0 r-x-- libc.so.6
00007f8b49e72000     352        180      0 r---- libc.so.6
00007f8b49eca000      16         16     16 r---- libc.so.6
00007f8b49ece000       8          8      8 rw--- libc.so.6
00007f8b49ed0000     52         20     20 rw--- [ anon ]
00007f8b49eed000       8          4      4 rw--- [ anon ]
00007f8b49eef000       8          8      0 r---- ld-linux-x86-64.so.2
00007f8b49ef1000     168        168      0 r-x-- ld-linux-x86-64.so.2
00007f8b49f1b000      44         40      0 r---- ld-linux-x86-64.so.2
00007f8b49f27000       8          8      8 r---- ld-linux-x86-64.so.2
00007f8b49f29000       8          8      8 rw--- ld-linux-x86-64.so.2
00007fff30459000     132         16     16 rw--- [ stack ]
00007fff304f0000      16          0      0 r---- [ anon ]
00007fff304f4000       8          4      0 r-x-- [ anon ]
fffffffff6000000       4          0      0 --x-- [ anon ]
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total kB          1026780 1025704 1024104
sia@sia-VirtualBox: ~/folder1$
```