
Sprawozdanie 4

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1. Dlaczego znak zachęty nie wyświetla się dopiero po wykonaniu procesu?
Po prostu rodzic nie czeka na wykonanie procesu dziecka.
2. Po uruchomieniu powłoki spróbuj uruchomić polecenie, które nie istnieje wpisując np. werwersdd. Następnie wpisz polecenie exit. Co się stało? Dlaczego polecenie nie działa poprawnie? Jak naprawić ten błąd?

Problem rozwiązaliśmy dodając kolejny exit, sprawdzający czy proces tworzony forkiem się skończył

Poniżej zamieszczam wyniki mojego programu z kilkoma testami

```
peterczak@peterczak-VirtualBox: ~/S0/LAB4
File Edit View Search Terminal Help
peterczak@peterczak-VirtualBox:~/S0/LAB4$ gcc save.c
peterczak@peterczak-VirtualBox:~/S0/LAB4$ ./a.out tmp1.txt
RLIMIT_FSIZE: cur=-1, max=-1
Writing 100 bytes into tmp1.txt file...
peterczak@peterczak-VirtualBox:~/S0/LAB4$ ./a.out 53 tmp2.txt
RLIMIT_FSIZE: cur=-1, max=-1
Writing 53 bytes into tmp2.txt file...
peterczak@peterczak-VirtualBox:~/S0/LAB4$ chmod 777 *
peterczak@peterczak-VirtualBox:~/S0/LAB4$ cat tmp1.txt | wc -c
100
peterczak@peterczak-VirtualBox:~/S0/LAB4$ cat tmp2.txt | wc -c
53
peterczak@peterczak-VirtualBox:~/S0/LAB4$ ./a.out tmp1.txt || echo FAIL
RLIMIT_FSIZE: cur=-1, max=-1
Writing 100 bytes into tmp1.txt file...
peterczak@peterczak-VirtualBox:~/S0/LAB4$ ./a.out tmp1.txt && echo FAIL
RLIMIT_FSIZE: cur=-1, max=-1
Writing 100 bytes into tmp1.txt file...
FAIL
peterczak@peterczak-VirtualBox:~/S0/LAB4$
```

```
peterczak@peterczak-VirtualBox: ~/SO/LAB4
File Edit View Search Terminal Help
peterczak@peterczak-VirtualBox:~/SO/LAB4$ ls
a.out a.txt funcs.c funcs.h main save.c shell.c tmp1.txt tmp2.txt
peterczak@peterczak-VirtualBox:~/SO/LAB4$ gcc shell.c funcs.c -o main
peterczak@peterczak-VirtualBox:~/SO/LAB4$ ./main

@ echo test
test
0

@ ls
a.out a.txt funcs.c funcs.h main save.c shell.c tmp1.txt tmp2.txt
0

@ ls hhh
ls: cannot access 'hhh': No such file or directory
2

@ cat aaaa
cat: aaaa: No such file or directory
1

@ ls -l && echo test || cat a.txt
total 60
-rwxrwxrwx 1 peterczak peterczak 8656 kwi  2 16:11 a.out
-rwxrwxrwx 1 peterczak peterczak    4 kwi  2 15:54 a.txt
-rwxrwxrwx 1 peterczak peterczak 1252 kwi  2 14:01 funcs.c
-rwxrwxrwx 1 peterczak peterczak 1601 kwi  2 14:01 funcs.h
-rwxr-xr-x 1 peterczak peterczak 13528 kwi  2 16:17 main
-rwxrwxrwx 1 peterczak peterczak 1408 kwi  2 16:10 save.c
-rwxrwxrwx 1 peterczak peterczak 6360 kwi  2 15:52 shell.c
-rwxrwxrwx 1 peterczak peterczak  100 kwi  2 16:12 tmp1.txt
----- 1 peterczak peterczak    53 kwi  2 16:14 tmp2.txt
0
test
0

@ ls || echo OK
a.out a.txt funcs.c funcs.h main save.c shell.c tmp1.txt tmp2.txt
0

@ ls && echo OK || ps
a.out a.txt funcs.c funcs.h main save.c shell.c tmp1.txt tmp2.txt
0
OK
0

@ exit
peterczak@peterczak-VirtualBox:~/SO/LAB4$
```

```
peterczak@peterczak-VirtualBox:~/S0/LAB3$ ./a.out test.txt
File type:                regular file
Name of the file:         test.txt
I-node number:            2126673
Mode:                     755
Permissions:              read: yes, write: yes, execute: yes
Link count:               1
Ownership:                peterczak(1000), peterczak(1000)
Preferred I/O block size: 4096 bytes
File size:                164 bytes
Blocks allocated:         8
Last status change:       2 hour(s) ago
Last file access:         1 hour(s) ago
Last file modification:    2 hour(s) ago
peterczak@peterczak-VirtualBox:~/S0/LAB3$ ./a.out
a.out      bigFile.txt  stat_info.c  test.txt
peterczak@peterczak-VirtualBox:~/S0/LAB3$ ./a.out bigFile.txt
File type:                regular file
Name of the file:         bigFile.txt
I-node number:            2127161
Mode:                     755
Permissions:              read: yes, write: yes, execute: yes
Link count:               1
Ownership:                peterczak(1000), peterczak(1000)
Preferred I/O block size: 4096 bytes
File size:                27 kB
Blocks allocated:         56
Last status change:       1 hour(s) ago
Last file access:         1 hour(s) ago
Last file modification:    1 hour(s) ago
peterczak@peterczak-VirtualBox:~/S0/LAB3$ touch fileTest.txt
peterczak@peterczak-VirtualBox:~/S0/LAB3$ ./a.out fileTest.txt
File type:                regular file
Name of the file:         fileTest.txt
I-node number:            2127429
Mode:                     644
Permissions:              read: yes, write: yes, execute: no
Link count:               1
Ownership:                peterczak(1000), peterczak(1000)
Preferred I/O block size: 4096 bytes
File size:                0 bytes
Blocks allocated:         0
Last status change:       7 sec(s) ago
Last file access:         7 sec(s) ago
Last file modification:    7 sec(s) ago
peterczak@peterczak-VirtualBox:~/S0/LAB3$
```