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Факультет информационных технологий и прикладной математики

Кафедра вычислительной математики и программирования

**Лабораторная работа №1 по курсу**

**«Операционные системы»**

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Дата: \_\_\_\_\_\_\_\_\_\_\_

Подпись: \_\_\_\_\_\_\_\_\_\_\_

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**Репозиторий**

**Постановка задачи**

Подробно рассказать о каждом системном вызове из утилиты strace на примере лабораторной работы №4.

**Описание работы strace**

execve — открывает файл на исполнение.

brk — изменяет расположение маркера окончания неинициализированных данных, который определяет конец сегмента данных процесса.

arch\_prtcl — устанавливает состояние процесса или потока, зависящее от архитектуры.

openat — открывает файл в определенной директории.

newfstatat — возвращает информацию о файле в буфер.

close — закрывает файловый дескриптор.

mmap — создает новое отображение памяти в адресном пространстве процесса.

ftruncate — устанавливает файлу необходимый размер.

munmap — удаляет отображение.

**Демонстрация работы strace**

ggame@ggame:~/OS/lab4/t1/build$ strace -f ./main < test

execve("./main", ["./main"], 0x7ffd1340f848 /\* 45 vars \*/) = 0

brk(NULL) = 0x55f0a5a9a000

arch\_prctl(0x3001 /\* ARCH\_??? \*/, 0x7ffe6b071e40) = -1 EINVAL (Недопустимый аргумент)

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f3174316000

access("/etc/ld.so.preload", R\_OK) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/local/cuda/lib64/glibc-hwcaps/x86-64-v3/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/glibc-hwcaps/x86-64-v3", 0x7ffe6b071060, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/local/cuda/lib64/glibc-hwcaps/x86-64-v2/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/glibc-hwcaps/x86-64-v2", 0x7ffe6b071060, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/local/cuda/lib64/tls/x86\_64/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/tls/x86\_64/x86\_64", 0x7ffe6b071060, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/local/cuda/lib64/tls/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/tls/x86\_64", 0x7ffe6b071060, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/local/cuda/lib64/tls/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/tls/x86\_64", 0x7ffe6b071060, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/local/cuda/lib64/tls/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/tls", 0x7ffe6b071060, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/local/cuda/lib64/x86\_64/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/x86\_64/x86\_64", 0x7ffe6b071060, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/local/cuda/lib64/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/x86\_64", 0x7ffe6b071060, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/local/cuda/lib64/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/x86\_64", 0x7ffe6b071060, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/usr/local/cuda/lib64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64", 0x7ffe6b071060, 0) = -1 ENOENT (Нет такого файла или каталога)

openat(AT\_FDCWD, "/etc/ld.so.cache", O\_RDONLY|O\_CLOEXEC) = 3

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=86613, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 86613, PROT\_READ, MAP\_PRIVATE, 3, 0) = 0x7f3174300000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=2252096, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 2267328, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f31740d6000

mmap(0x7f3174170000, 1114112, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x9a000) = 0x7f3174170000

mmap(0x7f3174280000, 454656, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1aa000) = 0x7f3174280000

mmap(0x7f31742ef000, 57344, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x218000) = 0x7f31742ef000

mmap(0x7f31742fd000, 10432, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f31742fd000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libgcc\_s.so.1", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=125488, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 127720, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f31740b6000

mmap(0x7f31740b9000, 94208, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7f31740b9000

mmap(0x7f31740d0000, 16384, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1a000) = 0x7f31740d0000

mmap(0x7f31740d4000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1d000) = 0x7f31740d4000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libc.so.6", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0P\237\2\0\0\0\0\0"..., 832) = 832

pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784

pread64(3, "\4\0\0\0 \0\0\0\5\0\0\0GNU\0\2\0\0\300\4\0\0\0\3\0\0\0\0\0\0\0"..., 48, 848) = 48

pread64(3, "\4\0\0\0\24\0\0\0\3\0\0\0GNU\0\211\303\313\205\371\345PFwdq\376\320^\304A"..., 68, 896) = 68

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=2216304, ...}, AT\_EMPTY\_PATH) = 0

pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784

mmap(NULL, 2260560, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f3173e8e000

mmap(0x7f3173eb6000, 1658880, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x28000) = 0x7f3173eb6000

mmap(0x7f317404b000, 360448, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1bd000) = 0x7f317404b000

mmap(0x7f31740a3000, 24576, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x214000) = 0x7f31740a3000

mmap(0x7f31740a9000, 52816, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f31740a9000

close(3) = 0

openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libm.so.6", O\_RDONLY|O\_CLOEXEC) = 3

read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=940560, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 942344, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f3173da7000

mmap(0x7f3173db5000, 507904, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xe000) = 0x7f3173db5000

mmap(0x7f3173e31000, 372736, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x8a000) = 0x7f3173e31000

mmap(0x7f3173e8c000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xe4000) = 0x7f3173e8c000

close(3) = 0

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f3173da5000

arch\_prctl(ARCH\_SET\_FS, 0x7f3173da63c0) = 0

set\_tid\_address(0x7f3173da6690) = 7723

set\_robust\_list(0x7f3173da66a0, 24) = 0

rseq(0x7f3173da6d60, 0x20, 0, 0x53053053) = 0

mprotect(0x7f31740a3000, 16384, PROT\_READ) = 0

mprotect(0x7f3173e8c000, 4096, PROT\_READ) = 0

mprotect(0x7f31740d4000, 4096, PROT\_READ) = 0

mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f3173da3000

mprotect(0x7f31742ef000, 45056, PROT\_READ) = 0

mprotect(0x55f0a51b0000, 4096, PROT\_READ) = 0

mprotect(0x7f3174350000, 8192, PROT\_READ) = 0

prlimit64(0, RLIMIT\_STACK, NULL, {rlim\_cur=8192\*1024, rlim\_max=RLIM64\_INFINITY}) = 0

munmap(0x7f3174300000, 86613) = 0

getrandom("\xa8\xad\xad\x10\xf5\x66\x6d\x15", 8, GRND\_NONBLOCK) = 8

brk(NULL) = 0x55f0a5a9a000

brk(0x55f0a5abb000) = 0x55f0a5abb000

futex(0x7f31742fd77c, FUTEX\_WAKE\_PRIVATE, 2147483647) = 0

newfstatat(0, "", {st\_mode=S\_IFREG|0664, st\_size=65, ...}, AT\_EMPTY\_PATH) = 0

read(0, "#ifndef mashina turinga h \n#de"..., 4096) = 65

read(0, "", 4096) = 0

openat(AT\_FDCWD, "/dev/shm/main.back", O\_RDWR|O\_CREAT|O\_NOFOLLOW|O\_CLOEXEC, 0644) = 3

openat(AT\_FDCWD, "/dev/shm/sem.main.semaphore", O\_RDWR|O\_NOFOLLOW) = 4

newfstatat(4, "", {st\_mode=S\_IFREG|0644, st\_size=32, ...}, AT\_EMPTY\_PATH) = 0

mmap(NULL, 32, PROT\_READ|PROT\_WRITE, MAP\_SHARED, 4, 0) = 0x7f317434f000

close(4) = 0

ftruncate(3, 66) = 0

mmap(NULL, 66, PROT\_READ|PROT\_WRITE, MAP\_SHARED, 3, 0) = 0x7f3174315000

clone(child\_stack=NULL, flags=CLONE\_CHILD\_CLEARTID|CLONE\_CHILD\_SETTID|SIGCHLD, child\_tidptr=0x7f3173da6690) = 7724

strace: Process 7724 attached

[pid 7724] set\_robust\_list(0x7f3173da66a0, 24) = 0

[pid 7724] munmap(0x7f3174315000, 66) = 0

[pid 7724] close(3) = 0

[pid 7724] munmap(0x7f317434f000, 32) = 0

[pid 7724] execve("child1", ["child1"], 0x7ffe6b072018 /\* 45 vars \*/) = 0

[pid 7724] brk(NULL) = 0x55e766236000

[pid 7724] arch\_prctl(0x3001 /\* ARCH\_??? \*/, 0x7ffd0e8bcac0) = -1 EINVAL (Недопустимый аргумент)

[pid 7724] mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f371fea1000

[pid 7724] access("/etc/ld.so.preload", R\_OK) = -1 ENOENT (Нет такого файла или каталога)

[pid 7724] openat(AT\_FDCWD, "/usr/local/cuda/lib64/glibc-hwcaps/x86-64-v3/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

[pid 7724] newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/glibc-hwcaps/x86-64-v3", 0x7ffd0e8bbce0, 0) = -1 ENOENT (Нет такого файла или каталога)

[pid 7724] openat(AT\_FDCWD, "/usr/local/cuda/lib64/glibc-hwcaps/x86-64-v2/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

[pid 7724] newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/glibc-hwcaps/x86-64-v2", 0x7ffd0e8bbce0, 0) = -1 ENOENT (Нет такого файла или каталога)

[pid 7724] openat(AT\_FDCWD, "/usr/local/cuda/lib64/tls/x86\_64/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

[pid 7724] newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/tls/x86\_64/x86\_64", 0x7ffd0e8bbce0, 0) = -1 ENOENT (Нет такого файла или каталога)

[pid 7724] openat(AT\_FDCWD, "/usr/local/cuda/lib64/tls/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

[pid 7724] newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/tls/x86\_64", 0x7ffd0e8bbce0, 0) = -1 ENOENT (Нет такого файла или каталога)

[pid 7724] openat(AT\_FDCWD, "/usr/local/cuda/lib64/tls/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

[pid 7724] newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/tls/x86\_64", 0x7ffd0e8bbce0, 0) = -1 ENOENT (Нет такого файла или каталога)

[pid 7724] openat(AT\_FDCWD, "/usr/local/cuda/lib64/tls/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

[pid 7724] newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/tls", 0x7ffd0e8bbce0, 0) = -1 ENOENT (Нет такого файла или каталога)

[pid 7724] openat(AT\_FDCWD, "/usr/local/cuda/lib64/x86\_64/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

[pid 7724] newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/x86\_64/x86\_64", 0x7ffd0e8bbce0, 0) = -1 ENOENT (Нет такого файла или каталога)

[pid 7724] openat(AT\_FDCWD, "/usr/local/cuda/lib64/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

[pid 7724] newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/x86\_64", 0x7ffd0e8bbce0, 0) = -1 ENOENT (Нет такого файла или каталога)

[pid 7724] openat(AT\_FDCWD, "/usr/local/cuda/lib64/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

[pid 7724] newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/x86\_64", 0x7ffd0e8bbce0, 0) = -1 ENOENT (Нет такого файла или каталога)

[pid 7724] openat(AT\_FDCWD, "/usr/local/cuda/lib64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

[pid 7724] newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64", 0x7ffd0e8bbce0, 0) = -1 ENOENT (Нет такого файла или каталога)

[pid 7724] openat(AT\_FDCWD, "/etc/ld.so.cache", O\_RDONLY|O\_CLOEXEC) = 3

[pid 7724] newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=86613, ...}, AT\_EMPTY\_PATH) = 0

[pid 7724] mmap(NULL, 86613, PROT\_READ, MAP\_PRIVATE, 3, 0) = 0x7f371fe8b000

[pid 7724] close(3) = 0

[pid 7724] openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = 3

[pid 7724] read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

[pid 7724] newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=2252096, ...}, AT\_EMPTY\_PATH) = 0

[pid 7724] mmap(NULL, 2267328, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f371fc61000

[pid 7724] mmap(0x7f371fcfb000, 1114112, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x9a000) = 0x7f371fcfb000

[pid 7724] mmap(0x7f371fe0b000, 454656, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1aa000) = 0x7f371fe0b000

[pid 7724] mmap(0x7f371fe7a000, 57344, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x218000) = 0x7f371fe7a000

[pid 7724] mmap(0x7f371fe88000, 10432, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f371fe88000

[pid 7724] close(3) = 0

[pid 7724] openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libgcc\_s.so.1", O\_RDONLY|O\_CLOEXEC) = 3

[pid 7724] read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

[pid 7724] newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=125488, ...}, AT\_EMPTY\_PATH) = 0

[pid 7724] mmap(NULL, 127720, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f371fc41000

[pid 7724] mmap(0x7f371fc44000, 94208, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7f371fc44000

[pid 7724] mmap(0x7f371fc5b000, 16384, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1a000) = 0x7f371fc5b000

[pid 7724] mmap(0x7f371fc5f000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1d000) = 0x7f371fc5f000

[pid 7724] close(3) = 0

[pid 7724] openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libc.so.6", O\_RDONLY|O\_CLOEXEC) = 3

[pid 7724] read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0P\237\2\0\0\0\0\0"..., 832) = 832

[pid 7724] pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784

[pid 7724] pread64(3, "\4\0\0\0 \0\0\0\5\0\0\0GNU\0\2\0\0\300\4\0\0\0\3\0\0\0\0\0\0\0"..., 48, 848) = 48

[pid 7724] pread64(3, "\4\0\0\0\24\0\0\0\3\0\0\0GNU\0\211\303\313\205\371\345PFwdq\376\320^\304A"..., 68, 896) = 68

[pid 7724] newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=2216304, ...}, AT\_EMPTY\_PATH) = 0

[pid 7724] pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784

[pid 7724] mmap(NULL, 2260560, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f371fa19000

[pid 7724] mmap(0x7f371fa41000, 1658880, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x28000) = 0x7f371fa41000

[pid 7724] mmap(0x7f371fbd6000, 360448, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1bd000) = 0x7f371fbd6000

[pid 7724] mmap(0x7f371fc2e000, 24576, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x214000) = 0x7f371fc2e000

[pid 7724] mmap(0x7f371fc34000, 52816, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f371fc34000

[pid 7724] close(3) = 0

[pid 7724] openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libm.so.6", O\_RDONLY|O\_CLOEXEC) = 3

[pid 7724] read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

[pid 7724] newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=940560, ...}, AT\_EMPTY\_PATH) = 0

[pid 7724] mmap(NULL, 942344, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f371f932000

[pid 7724] mmap(0x7f371f940000, 507904, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xe000) = 0x7f371f940000

[pid 7724] mmap(0x7f371f9bc000, 372736, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x8a000) = 0x7f371f9bc000

[pid 7724] mmap(0x7f371fa17000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xe4000) = 0x7f371fa17000

[pid 7724] close(3) = 0

[pid 7724] mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f371f930000

[pid 7724] arch\_prctl(ARCH\_SET\_FS, 0x7f371f9313c0) = 0

[pid 7724] set\_tid\_address(0x7f371f931690) = 7724

[pid 7724] set\_robust\_list(0x7f371f9316a0, 24) = 0

[pid 7724] rseq(0x7f371f931d60, 0x20, 0, 0x53053053) = 0

[pid 7724] mprotect(0x7f371fc2e000, 16384, PROT\_READ) = 0

[pid 7724] mprotect(0x7f371fa17000, 4096, PROT\_READ) = 0

[pid 7724] mprotect(0x7f371fc5f000, 4096, PROT\_READ) = 0

[pid 7724] mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f371f92e000

[pid 7724] mprotect(0x7f371fe7a000, 45056, PROT\_READ) = 0

[pid 7724] mprotect(0x55e765c72000, 4096, PROT\_READ) = 0

[pid 7724] mprotect(0x7f371fedb000, 8192, PROT\_READ) = 0

[pid 7724] prlimit64(0, RLIMIT\_STACK, NULL, {rlim\_cur=8192\*1024, rlim\_max=RLIM64\_INFINITY}) = 0

[pid 7724] munmap(0x7f371fe8b000, 86613) = 0

[pid 7724] getrandom("\xc8\x22\xfb\x20\xa6\x5b\x12\x5f", 8, GRND\_NONBLOCK) = 8

[pid 7724] brk(NULL) = 0x55e766236000

[pid 7724] brk(0x55e766257000) = 0x55e766257000

[pid 7724] futex(0x7f371fe8877c, FUTEX\_WAKE\_PRIVATE, 2147483647) = 0

[pid 7724] openat(AT\_FDCWD, "/dev/shm/main.back", O\_RDWR|O\_NOFOLLOW|O\_CLOEXEC) = 3

[pid 7724] newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=66, ...}, AT\_EMPTY\_PATH) = 0

[pid 7724] mmap(NULL, 66, PROT\_READ|PROT\_WRITE, MAP\_SHARED, 3, 0) = 0x7f371feda000

[pid 7724] openat(AT\_FDCWD, "/dev/shm/sem.main.semaphore", O\_RDWR|O\_NOFOLLOW) = 4

[pid 7724] newfstatat(4, "", {st\_mode=S\_IFREG|0644, st\_size=32, ...}, AT\_EMPTY\_PATH) = 0

[pid 7724] mmap(NULL, 32, PROT\_READ|PROT\_WRITE, MAP\_SHARED, 4, 0) = 0x7f371fea0000

[pid 7724] close(4) = 0

[pid 7724] clone(child\_stack=NULL, flags=CLONE\_CHILD\_CLEARTID|CLONE\_CHILD\_SETTID|SIGCHLDstrace: Process 7725 attached

, child\_tidptr=0x7f371f931690) = 7725

[pid 7725] set\_robust\_list(0x7f371f9316a0, 24 <unfinished ...>

[pid 7724] exit\_group(0 <unfinished ...>

[pid 7725] <... set\_robust\_list resumed>) = 0

[pid 7724] <... exit\_group resumed>) = ?

[pid 7725] munmap(0x7f371feda000, 66) = 0

[pid 7725] close(3 <unfinished ...>

[pid 7724] +++ exited with 0 +++

[pid 7723] --- SIGCHLD {si\_signo=SIGCHLD, si\_code=CLD\_EXITED, si\_pid=7724, si\_uid=1000, si\_status=0, si\_utime=0, si\_stime=0} ---

[pid 7725] <... close resumed>) = 0

[pid 7725] munmap(0x7f371fea0000, 32) = 0

[pid 7725] execve("child2", ["child2"], 0x7ffd0e8bcc98 /\* 45 vars \*/) = 0

[pid 7725] brk(NULL) = 0x55b5cd475000

[pid 7725] arch\_prctl(0x3001 /\* ARCH\_??? \*/, 0x7fff17f79c90) = -1 EINVAL (Недопустимый аргумент)

[pid 7725] mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f2975ace000

[pid 7725] access("/etc/ld.so.preload", R\_OK) = -1 ENOENT (Нет такого файла или каталога)

[pid 7725] openat(AT\_FDCWD, "/usr/local/cuda/lib64/glibc-hwcaps/x86-64-v3/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

[pid 7725] newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/glibc-hwcaps/x86-64-v3", 0x7fff17f78eb0, 0) = -1 ENOENT (Нет такого файла или каталога)

[pid 7725] openat(AT\_FDCWD, "/usr/local/cuda/lib64/glibc-hwcaps/x86-64-v2/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

[pid 7725] newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/glibc-hwcaps/x86-64-v2", 0x7fff17f78eb0, 0) = -1 ENOENT (Нет такого файла или каталога)

[pid 7725] openat(AT\_FDCWD, "/usr/local/cuda/lib64/tls/x86\_64/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

[pid 7725] newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/tls/x86\_64/x86\_64", 0x7fff17f78eb0, 0) = -1 ENOENT (Нет такого файла или каталога)

[pid 7725] openat(AT\_FDCWD, "/usr/local/cuda/lib64/tls/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

[pid 7725] newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/tls/x86\_64", 0x7fff17f78eb0, 0) = -1 ENOENT (Нет такого файла или каталога)

[pid 7725] openat(AT\_FDCWD, "/usr/local/cuda/lib64/tls/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

[pid 7725] newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/tls/x86\_64", 0x7fff17f78eb0, 0) = -1 ENOENT (Нет такого файла или каталога)

[pid 7725] openat(AT\_FDCWD, "/usr/local/cuda/lib64/tls/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

[pid 7725] newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/tls", 0x7fff17f78eb0, 0) = -1 ENOENT (Нет такого файла или каталога)

[pid 7725] openat(AT\_FDCWD, "/usr/local/cuda/lib64/x86\_64/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

[pid 7725] newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/x86\_64/x86\_64", 0x7fff17f78eb0, 0) = -1 ENOENT (Нет такого файла или каталога)

[pid 7725] openat(AT\_FDCWD, "/usr/local/cuda/lib64/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

[pid 7725] newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/x86\_64", 0x7fff17f78eb0, 0) = -1 ENOENT (Нет такого файла или каталога)

[pid 7725] openat(AT\_FDCWD, "/usr/local/cuda/lib64/x86\_64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

[pid 7725] newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64/x86\_64", 0x7fff17f78eb0, 0) = -1 ENOENT (Нет такого файла или каталога)

[pid 7725] openat(AT\_FDCWD, "/usr/local/cuda/lib64/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = -1 ENOENT (Нет такого файла или каталога)

[pid 7725] newfstatat(AT\_FDCWD, "/usr/local/cuda/lib64", 0x7fff17f78eb0, 0) = -1 ENOENT (Нет такого файла или каталога)

[pid 7725] openat(AT\_FDCWD, "/etc/ld.so.cache", O\_RDONLY|O\_CLOEXEC) = 3

[pid 7725] newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=86613, ...}, AT\_EMPTY\_PATH) = 0

[pid 7725] mmap(NULL, 86613, PROT\_READ, MAP\_PRIVATE, 3, 0) = 0x7f2975ab8000

[pid 7725] close(3) = 0

[pid 7725] openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libstdc++.so.6", O\_RDONLY|O\_CLOEXEC) = 3

[pid 7725] read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

[pid 7725] newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=2252096, ...}, AT\_EMPTY\_PATH) = 0

[pid 7725] mmap(NULL, 2267328, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f297588e000

[pid 7725] mmap(0x7f2975928000, 1114112, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x9a000) = 0x7f2975928000

[pid 7725] mmap(0x7f2975a38000, 454656, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1aa000) = 0x7f2975a38000

[pid 7725] mmap(0x7f2975aa7000, 57344, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x218000) = 0x7f2975aa7000

[pid 7725] mmap(0x7f2975ab5000, 10432, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f2975ab5000

[pid 7725] close(3) = 0

[pid 7725] openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libgcc\_s.so.1", O\_RDONLY|O\_CLOEXEC) = 3

[pid 7725] read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

[pid 7725] newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=125488, ...}, AT\_EMPTY\_PATH) = 0

[pid 7725] mmap(NULL, 127720, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f297586e000

[pid 7725] mmap(0x7f2975871000, 94208, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x3000) = 0x7f2975871000

[pid 7725] mmap(0x7f2975888000, 16384, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1a000) = 0x7f2975888000

[pid 7725] mmap(0x7f297588c000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1d000) = 0x7f297588c000

[pid 7725] close(3) = 0

[pid 7725] openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libc.so.6", O\_RDONLY|O\_CLOEXEC) = 3

[pid 7725] read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0P\237\2\0\0\0\0\0"..., 832) = 832

[pid 7725] pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784

[pid 7725] pread64(3, "\4\0\0\0 \0\0\0\5\0\0\0GNU\0\2\0\0\300\4\0\0\0\3\0\0\0\0\0\0\0"..., 48, 848) = 48

[pid 7725] pread64(3, "\4\0\0\0\24\0\0\0\3\0\0\0GNU\0\211\303\313\205\371\345PFwdq\376\320^\304A"..., 68, 896) = 68

[pid 7725] newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=2216304, ...}, AT\_EMPTY\_PATH) = 0

[pid 7725] pread64(3, "\6\0\0\0\4\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0@\0\0\0\0\0\0\0"..., 784, 64) = 784

[pid 7725] mmap(NULL, 2260560, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f2975646000

[pid 7725] mmap(0x7f297566e000, 1658880, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x28000) = 0x7f297566e000

[pid 7725] mmap(0x7f2975803000, 360448, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x1bd000) = 0x7f2975803000

[pid 7725] mmap(0x7f297585b000, 24576, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x214000) = 0x7f297585b000

[pid 7725] mmap(0x7f2975861000, 52816, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_ANONYMOUS, -1, 0) = 0x7f2975861000

[pid 7725] close(3) = 0

[pid 7725] openat(AT\_FDCWD, "/lib/x86\_64-linux-gnu/libm.so.6", O\_RDONLY|O\_CLOEXEC) = 3

[pid 7725] read(3, "\177ELF\2\1\1\3\0\0\0\0\0\0\0\0\3\0>\0\1\0\0\0\0\0\0\0\0\0\0\0"..., 832) = 832

[pid 7725] newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=940560, ...}, AT\_EMPTY\_PATH) = 0

[pid 7725] mmap(NULL, 942344, PROT\_READ, MAP\_PRIVATE|MAP\_DENYWRITE, 3, 0) = 0x7f297555f000

[pid 7725] mmap(0x7f297556d000, 507904, PROT\_READ|PROT\_EXEC, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xe000) = 0x7f297556d000

[pid 7725] mmap(0x7f29755e9000, 372736, PROT\_READ, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0x8a000) = 0x7f29755e9000

[pid 7725] mmap(0x7f2975644000, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_FIXED|MAP\_DENYWRITE, 3, 0xe4000) = 0x7f2975644000

[pid 7725] close(3) = 0

[pid 7725] mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f297555d000

[pid 7725] arch\_prctl(ARCH\_SET\_FS, 0x7f297555e3c0) = 0

[pid 7725] set\_tid\_address(0x7f297555e690) = 7725

[pid 7725] set\_robust\_list(0x7f297555e6a0, 24) = 0

[pid 7725] rseq(0x7f297555ed60, 0x20, 0, 0x53053053) = 0

[pid 7725] mprotect(0x7f297585b000, 16384, PROT\_READ) = 0

[pid 7725] mprotect(0x7f2975644000, 4096, PROT\_READ) = 0

[pid 7725] mprotect(0x7f297588c000, 4096, PROT\_READ) = 0

[pid 7725] mmap(NULL, 8192, PROT\_READ|PROT\_WRITE, MAP\_PRIVATE|MAP\_ANONYMOUS, -1, 0) = 0x7f297555b000

[pid 7725] mprotect(0x7f2975aa7000, 45056, PROT\_READ) = 0

[pid 7725] mprotect(0x55b5cc5d1000, 4096, PROT\_READ) = 0

[pid 7725] mprotect(0x7f2975b08000, 8192, PROT\_READ) = 0

[pid 7725] prlimit64(0, RLIMIT\_STACK, NULL, {rlim\_cur=8192\*1024, rlim\_max=RLIM64\_INFINITY}) = 0

[pid 7725] munmap(0x7f2975ab8000, 86613) = 0

[pid 7725] getrandom("\x1a\xb8\xbc\x73\xe8\xbc\x42\xd4", 8, GRND\_NONBLOCK) = 8

[pid 7725] brk(NULL) = 0x55b5cd475000

[pid 7725] brk(0x55b5cd496000) = 0x55b5cd496000

[pid 7725] futex(0x7f2975ab577c, FUTEX\_WAKE\_PRIVATE, 2147483647) = 0

[pid 7725] openat(AT\_FDCWD, "/dev/shm/main.back", O\_RDWR|O\_NOFOLLOW|O\_CLOEXEC) = 3

[pid 7725] newfstatat(3, "", {st\_mode=S\_IFREG|0644, st\_size=66, ...}, AT\_EMPTY\_PATH) = 0

[pid 7725] mmap(NULL, 66, PROT\_READ|PROT\_WRITE, MAP\_SHARED, 3, 0) = 0x7f2975b07000

[pid 7725] openat(AT\_FDCWD, "/dev/shm/sem.main.semaphore", O\_RDWR|O\_NOFOLLOW) = 4

[pid 7725] newfstatat(4, "", {st\_mode=S\_IFREG|0644, st\_size=32, ...}, AT\_EMPTY\_PATH) = 0

[pid 7725] mmap(NULL, 32, PROT\_READ|PROT\_WRITE, MAP\_SHARED, 4, 0) = 0x7f2975acd000

[pid 7725] close(4) = 0

[pid 7723] futex(0x7f317434f000, FUTEX\_WAIT\_BITSET|FUTEX\_CLOCK\_REALTIME, 0, NULL, FUTEX\_BITSET\_MATCH\_ANY <unfinished ...>

[pid 7725] ftruncate(3, 66) = 0

[pid 7725] close(3) = 0

[pid 7725] clock\_nanosleep(CLOCK\_REALTIME, 0, {tv\_sec=0, tv\_nsec=53248000}, NULL) = 0

[pid 7725] futex(0x7f2975acd000, FUTEX\_WAKE, 1) = 1

[pid 7723] <... futex resumed>) = 0

[pid 7725] munmap(0x7f2975acd000, 32 <unfinished ...>

[pid 7723] newfstatat(1, "", <unfinished ...>

[pid 7725] <... munmap resumed>) = 0

[pid 7723] <... newfstatat resumed>{st\_mode=S\_IFCHR|0620, st\_rdev=makedev(0x88, 0), ...}, AT\_EMPTY\_PATH) = 0

[pid 7723] write(1, "#IFNDEF\_\_MASHINA\_TURINGA\_H\_\_\n", 29 <unfinished ...>

#IFNDEF\_\_MASHINA\_TURINGA\_H\_\_

[pid 7725] exit\_group(0 <unfinished ...>

[pid 7723] <... write resumed>) = 29

[pid 7723] write(1, "#DEFINE\_\_MASHINA\_TURINGA\_H\_\_\n", 29 <unfinished ...>

[pid 7725] <... exit\_group resumed>) = ?

#DEFINE\_\_MASHINA\_TURINGA\_H\_\_

[pid 7723] <... write resumed>) = 29

[pid 7723] write(1, "#ENDIF\n", 7#ENDIF

) = 7

[pid 7723] exit\_group(0) = ?

[pid 7725] +++ exited with 0 +++

+++ exited with 0 +++

**Вывод**

Проделав лабораторную работу, я приобрёл навыки, необходимые для работы с strace, а также изучил системные вызовы.