

- `execve("./a.out", ["/a.out"], [/* 28 vars */]) = 0`
- `brk(NULL) = 0x1311000`
- `access("/etc/ld.so.nohwcap", F_OK) = -1 ENOENT (No such file or directory)`
- `access("/etc/ld.so.preload", R_OK) = -1 ENOENT (No such file or directory)`
- `open("/usr/local/cuda-9.0/lib64/tls/x86_64/libpthread.so.0", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)`
- `stat("/usr/local/cuda-9.0/lib64/tls/x86_64", 0x7ffde71635f0) = -1 ENOENT (No such file or directory)`
- `open("/usr/local/cuda-9.0/lib64/tls/libpthread.so.0", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)`
- `stat("/usr/local/cuda-9.0/lib64/tls", 0x7ffde71635f0) = -1 ENOENT (No such file or directory)`
- `open("/usr/local/cuda-9.0/lib64/x86_64/libpthread.so.0", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)`
- `stat("/usr/local/cuda-9.0/lib64/x86_64", 0x7ffde71635f0) = -1 ENOENT (No such file or directory)`
- `open("/usr/local/cuda-9.0/lib64/libpthread.so.0", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)`
- `stat("/usr/local/cuda-9.0/lib64", {st_mode=S_IFDIR|0755, st_size=4096, ...}) = 0`
- `open("tls/x86_64/libpthread.so.0", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)`
- `open("tls/libpthread.so.0", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)`
- `open("x86_64/libpthread.so.0", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)`
- `open("libpthread.so.0", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)`
- `open("/etc/ld.so.cache", O_RDONLY|O_CLOEXEC) = 3`
- `fstat(3, {st_mode=S_IFREG|0644, st_size=119401, ...}) = 0`
- `mmap(NULL, 119401, PROT_READ, MAP_PRIVATE, 3, 0) = 0x7f2df0731000`
- `close(3) = 0`
- `access("/etc/ld.so.nohwcap", F_OK) = -1 ENOENT (No such file or directory)`
- `open("/lib/x86_64-linux-gnu/libpthread.so.0", 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\260`\0\0\0\0\0", 832) = 832`
- `fstat(3, {st_mode=S_IFREG|0755, st_size=138696, ...}) = 0`
- `mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f2df0730000`
- `mmap(NULL, 2212904, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f2df030d000`
- `mprotect(0x7f2df0325000, 2093056, PROT_NONE) = 0`

- `mmap(0x7f2df0524000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x17000) = 0x7f2df0524000`
- `mmap(0x7f2df0526000, 13352, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7f2df0526000`
- `close(3) = 0`
- `open("/usr/local/cuda-9.0/lib64/libc.so.6", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)`
- `open("/tls/x86_64/libc.so.6", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)`
- `open("/tls/libc.so.6", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)`
- `open("/x86_64/libc.so.6", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)`
- `open("/libc.so.6", O_RDONLY|O_CLOEXEC) = -1 ENOENT (No such file or directory)`
- `access("/etc/ld.so.nohwcap", F_OK) = -1 ENOENT (No such file or directory)`
- `open("/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\3\0>\0\1\0\0\0P\t\2\0\0\0\0"..., 832) = 832`
- `fstat(3, {st_mode=S_IFREG|0755, st_size=1868984, ...}) = 0`
- `mmap(NULL, 3971488, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x7f2deff43000`
- `mprotect(0x7f2df0103000, 2097152, PROT_NONE) = 0`
- `mmap(0x7f2df0303000, 24576, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1c0000) = 0x7f2df0303000`
- `mmap(0x7f2df0309000, 14752, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x7f2df0309000`
- `close(3) = 0`
- `mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f2df072f000`
- `mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f2df072e000`
- `mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7f2df072d000`
- `arch_prctl(ARCH_SET_FS, 0x7f2df072e700) = 0`
- `mprotect(0x7f2df0303000, 16384, PROT_READ) = 0`

- `mprotect(0x7f2df0524000, 4096, PROT_READ) = 0`
- `mprotect(0x600000, 4096, PROT_READ) = 0`
- `mprotect(0x7f2df074f000, 4096, PROT_READ) = 0`
- `munmap(0x7f2df0731000, 119401) = 0`
- `set_tid_address(0x7f2df072e9d0) = 22407`
- `set_robust_list(0x7f2df072e9e0, 24) = 0`
- `rt_sigaction(SIGRTMIN, {0x7f2df0312b50, [], SA_RESTORER|SA_SIGINFO, 0x7f2df031e390}, NULL, 8) = 0`
- `rt_sigaction(SIGRT_1, {0x7f2df0312be0, [], SA_RESTORER|SA_RESTART|SA_SIGINFO, 0x7f2df031e390}, NULL, 8) = 0`
- `rt_sigprocmask(SIG_UNBLOCK, [RTMIN RT_1], NULL, 8) = 0`
- `getrlimit(RLIMIT_STACK, {rlim_cur=8192*1024, rlim_max=RLIM64_INFINITY}) = 0`
- `mmap(NULL, 8392704, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS|MAP_STACK, -1, 0) = 0x7f2def742000`
- `brk(NULL) = 0x1311000`
- `brk(0x1332000) = 0x1332000`
- `mprotect(0x7f2def742000, 4096, PROT_NONE) = 0`
- `clone(child_stack=0x7f2deff41ff0, flags=CLONE_VM|CLONE_FS|CLONE_FILES|CLONE_SIGHAND|CLONE_THREAD|CLONE_SYSVSEM|CLONE_SETTLS|CLONE_PARENT_SETTID|CLONE_CHILD_CLEARTID, parent_tidptr=0x7f2deff429d0, tls=0x7f2deff42700, child_tidptr=0x7f2deff429d0) = 22408`
- `futex(0x7f2deff429d0, FUTEX_WAIT, 22408, NULL) = 0`
- `write(1, "5", 15) = 1`
- `exit_group(0) = ?`
- `+++ exited with 0 +++`