**Вывод dtruss.**

PID/THRD SYSCALL(args) = return

4839/0xcf46: thread\_selfid(0x0, 0x0, 0x0) = 53062 0

4839/0xcf46: open(".\0", 0x0, 0x1) = 3 0

4839/0xcf46: fstat64(0x3, 0x7FFEEEF96DE0, 0x0) = 0 0

4839/0xcf46: fcntl(0x3, 0x32, 0x7FFEEEF974B0) = 0 0

4839/0xcf46: close(0x3) = 0 0

4839/0xcf46: stat64("/Users/sindenis/CSinDenis/university/sem3/os/lab02\0", 0x7FFEEEF96D50, 0x0) = 0 0

4839/0xcf46: \_\_mac\_syscall(0x1072DBC5F, 0x5A, 0x7FFEEEF96FB0) = 0 0

4839/0xcf46: shared\_region\_check\_np(0x7FFEEEF96E18, 0x0, 0x0) = 0 0

4839/0xcf46: stat64("/private/var/db/dyld/dyld\_shared\_cache\_x86\_64h\0", 0x7FFEEEF96D60, 0x0) = 0 0

4839/0xcf46: csrctl(0x0, 0x7FFEEEF96B2C, 0x4) = -1 Err#1

4839/0xcf46: stat64("/Users/sindenis/CSinDenis/university/sem3/os/lab02/./calculator\0", 0x7FFEEEF974B0, 0x0) = 0 0

4839/0xcf46: getpid(0x0, 0x0, 0x0) = 4839 0

4839/0xcf46: proc\_info(0x2, 0x12E7, 0x16) = 1272 0

4839/0xcf46: stat64("/usr/lib/libSystem.B.dylib\0", 0x7FFEEEF961B0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libcache.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libcommonCrypto.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libcompiler\_rt.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libcopyfile.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libcorecrypto.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libdispatch.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libdyld.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libkeymgr.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/liblaunch.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libmacho.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libquarantine.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libremovefile.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libsystem\_asl.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libsystem\_blocks.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libsystem\_c.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libsystem\_configuration.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libsystem\_coreservices.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libsystem\_darwin.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libsystem\_dnssd.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libsystem\_info.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libsystem\_m.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libsystem\_malloc.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libsystem\_networkextension.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libsystem\_notify.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libsystem\_sandbox.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libsystem\_secinit.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libsystem\_kernel.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libsystem\_platform.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libsystem\_pthread.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libsystem\_symptoms.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libsystem\_trace.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libunwind.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/system/libxpc.dylib\0", 0x7FFEEEF95DE0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/libobjc.A.dylib\0", 0x7FFEEEF950E0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/libc++abi.dylib\0", 0x7FFEEEF947C0, 0x0) = 0 0

4839/0xcf46: stat64("/usr/lib/libc++.1.dylib\0", 0x7FFEEEF947C0, 0x0) = 0 0

4839/0xcf46: open("/dev/dtracehelper\0", 0x2, 0xFFFFFFFFEEF96F40) = 3 0

4839/0xcf46: ioctl(0x3, 0x80086804, 0x7FFEEEF96D50) = 0 0

4839/0xcf46: close(0x3) = 0 0

4839/0xcf46: access("/AppleInternal/XBS/.isChrooted\0", 0x0, 0x0) = -1 Err#2

4839/0xcf46: bsdthread\_register(0x7FFF5AE82400, 0x7FFF5AE823F0, 0x2000) = 1073742047 0

4839/0xcf46: sysctlbyname(kern.bootargs, 0xD, 0x7FFEEEF961A0, 0x7FFEEEF96190, 0x0) = 0 0

4839/0xcf46: issetugid(0x0, 0x0, 0x0) = 0 0

4839/0xcf46: ioctl(0x2, 0x4004667A, 0x7FFEEEF959A4) = 0 0

4839/0xcf46: mprotect(0x100C6F000, 0x1000, 0x0) = 0 0

4839/0xcf46: mprotect(0x100C76000, 0x1000, 0x0) = 0 0

4839/0xcf46: mprotect(0x100C77000, 0x1000, 0x0) = 0 0

4839/0xcf46: mprotect(0x100C7E000, 0x1000, 0x0) = 0 0

4839/0xcf46: mprotect(0x100C6D000, 0x90, 0x1) = 0 0

4839/0xcf46: mprotect(0x100C7F000, 0x1000, 0x1) = 0 0

4839/0xcf46: mprotect(0x100C6D000, 0x90, 0x3) = 0 0

4839/0xcf46: mprotect(0x100C6D000, 0x90, 0x1) = 0 0

4839/0xcf46: getentropy(0x7FFEEEF95AF0, 0x20, 0x0) = 0 0

4839/0xcf46: getpid(0x0, 0x0, 0x0) = 4839 0

4839/0xcf46: stat64("/AppleInternal\0", 0x7FFEEEF96610, 0x0) = -1 Err#2

4839/0xcf46: csops(0x12E7, 0x7, 0x7FFEEEF96140) = -1 Err#22

4839/0xcf46: proc\_info(0x2, 0x12E7, 0xD) = 64 0

4839/0xcf46: csops(0x12E7, 0x7, 0x7FFEEEF95980) = -1 Err#22

4839/0xcf46: pipe(0x0, 0x0, 0x0) = 3 0

4839/0xcf46: pipe(0x0, 0x0, 0x0) = 5 0

4839/0xcf46: fork() = 4840 0

4839/0xcf46: close(0x3) = 0 0

4840/0xcf47: thread\_selfid(0x0, 0x0, 0x0) = 53063 0

4839/0xcf46: close(0x6) = 0 0

4840/0xcf47: bsdthread\_register(0x7FFF5AE82400, 0x7FFF5AE823F0, 0x2000) = -1 Err#22

4839/0xcf46: getrlimit(0x1008, 0x7FFEEEF97220, 0x0) = 0 0

4839/0xcf46: fstat64(0x0, 0x7FFEEEF97208, 0x0) = 0 0

4839/0xcf46: ioctl(0x0, 0x4004667A, 0x7FFEEEF97254) = 0 0

4840/0xcf47: getpid(0x0, 0x0, 0x0) = 4840 0

4840/0xcf47: \_\_mac\_syscall(0x7FFF5AE8EA17, 0x4, 0x7FFEEEF973F8) = -1 Err#45

4840/0xcf47: csops(0x12E8, 0xB, 0x7FFEEEF97438) = -1 Err#22

4840/0xcf47: close(0x4) = 0 0

4840/0xcf47: close(0x5) = 0 0