

Michael Allen-Bond
SID: 11386199
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CS 460
Dr. Zhang

Project 0: Running and debugging xv6

GDB Output:

```
(gdb) target remote localhost:26006
Remote debugging using localhost:26006
0x0000ffff in ?? ()
(gdb) b exec
Breakpoint 1 at 0x80100b71: file exec.c, line 12.
(gdb) c
Continuing.
[Switching to Thread 2]

Breakpoint 1, exec (path=0x1c "/init", argv=0x8dffff
ec8) at exec.c:12
12  {
(gdb) c
Continuing.

Breakpoint 1, exec (path=0x885 "sh", argv=0x8dffeec
8) at exec.c:12
12  {
(gdb) c
Continuing.
[Switching to Thread 1]

Breakpoint 1, exec (path=0x19c0 "dcat", argv=0x8dfb
eec8) at exec.c:12
12  {
(gdb) p argv[0]
$1 = 0x19c0 "dcat"
(gdb) p argv[1]
$2 = 0x19c5 "README"
(gdb) p argv[2]
$3 = 0x0
```

```

(gdb) bt
#0  exec (path=0x19c0 "dcat", argv=0x8dfbeec8) at e
xec.c:12
#1  0x80106325 in sys_exec () at sysfile.c:417
#2  0x80105684 in syscall () at syscall.c:133
#3  0x80106847 in trap (tf=0x8dfbefb4) at trap.c:43

#4  0x80106639 in alltraps () at trapasm.S:23
#5  0x8dfbefb4 in ?? ()
Backtrace stopped: previous frame inner to this fra
me (corrupt stack?)
(gdb) up
#1  0x80106325 in sys_exec () at sysfile.c:417
417     return exec(path, argv);
(gdb) l
412         break;
413     }
414     if(fetchstr(uarg, &argv[i]) < 0)
415         return -1;
416 }
417 return exec(path, argv);
418 }
419
420 int
421 sys_pipe(void)
(gdb) Quit

```

Qemu Shell Output:

```

xv6...
cpu1: starting
cpu0: starting
dsb: size 1000 nblocks 941 ninodes 200 nlog 30 logs
tart 2 inodestart 32 bmap start 58
init: starting sh
$ cat README

```