

Part1:

/usr/src/minix/include/minix/config.h

here i changed the os_release number from 3.something to 4.0

/usr/src/minix/kernel/main.c

here i inserted 2 print statements one to print total number of proccesses

to be loaded something like: printf("%d",proc_number)

and one in the loop that loads these to print proc. names

to recompile go to /usr/src/releasetools

make hdbboot

reboot minix

that's it

Part2:

/usr/src/minix/include/minix/callnr.h

here i added my call to the table (name and a number or index whatever you call it)

/usr/src/minix/servers/pm/table.c

here i "linked" the call with my program

/usr/src/minix/servers/pm/do_printinteger.c

the code makes the syscall

/usr/src/minix/servers/pm/proto.h

declared function prototype

/usr/src/minix/servers/pm/Makefile

added my program code to the soures so that it will be compiled when need

userlibrary part:

/usr/src/lib/libc/misc/Makefile.inc

i added printinteger.c to sources so that it will be copiled

alternatively i could make this in /usr/src/lib/libc/sys/Makefile.inc

/usr/src/lib/libc/misc/printinteger.c

user library funtion code

/usr/src/include/unistd.h

i added declaration of printinteger.c as int printinteger(int);

to test the code compile:

clang test.c

./a.out