

helloworld.c contains the source code of what the new system call will display. Found at *arch/x86/kernel/helloworld.c*

Makefile contains what files should be linked when everything is compiled. Found at *arch/x86/kernel/Makefile*

syscall_64.tbl contains information about how the system call is assigned and what interfaces it can be called for. Found at *arch/x86/syscalls/syscall 64.tbl*

syscalls.h contains a link to the system call so that other files can include it when they use it. Found it *include/linux/syscalls.h*

syslog contains a report of all the operations the kernel performs since startup. Found in */var/log/syslog*

test.c contains the definition of the test program that test the new system call. Found in *kernels/test.c*

In order to build and run the test program, you need to

1. **cd** into the kernels directory where test.c is located
2. run **gcc test.c -o test**
3. then **./test && dmesg** to see the output of the syscall.