Kernel Tracing

You should do your read-through the Linux source code available at
http://cs418.cs.jhu.edu:8080/source/ or http://lxr.linux.no
for 2.6.23.15 version of the kernel. Note that the OpenGrok system on cs418 is local and may
be faster. You should assume that the application has already done

    fd = open("/dev/zero");

and is now doing

    read(fd, buf, 4096);

Beginning at the entry to sys_read() in fs/read_write.c, line 357, construct an outline of
every call and return. You should assume that you are tracing a kernel compiled for the i386, and
that the kernel is NOT compiled for multiprocessing (SMP is not defined). If the execution path
enters the sleep() function, you only need to trace that sub-system once.

Submission

- This homework is due at 10am on Monday, February 2\textsuperscript{nd}.
- Submission must only be done electronically to: cs418instructors@cs.jhu.edu.