

**The Block I/O Layer - B**

***Objective: In this lab you will modify the noop I/O scheduler to log each read/write block I/O message that comes into subsystem along with some accounting information for bio structure.***

1. Create a new project “Lab14” and copy the noop-iosched.c implementation file to that directory.
2. Modify the “elevator\_name” to something else ex. “fp-noop”.
3. Modify the noop\_add\_request:
   * Log reads/writes to this block I/O scheduler by dereferencing the rq structure.
   * Access and log the bio\_vec structure count and current index.
4. Test your block I/O scheduler. Example: “cat /dev/random > /tmp/junk”
5. Don’t forget to change back to the CFQ and unload your module when your done!



