

## Lecture (February, 17th)

- Chapter 3 was presented (for those who use the 7th edition of the book, note that Pipes were basically not included in the 7th edition).
- The description for the first project assignment has been slightly updated. The sentence “Further, you should increment the total number of available system calls as defined by NR\_syscalls” has been removed (it wasn’t described anyway). This is not necessary since kernel 2.6.25.
- With the root file system `root_fs` that was available from Feb. 14 - Feb. 17, you could run into problems when dynamically loading libraries. There are two possible solutions to this problem:
  1. The root file system for User Mode Linux (UML) was updated on Feb. 17th at 9am. With the new `root_fs` (based on the brand new Debian 5.0 Operating System) this problem should not occur.
  2. (not recommended): Alternatively you can statically link libraries to the programs you compile, such that no libraries are loaded dynamically. You can use the compiler option `-static` for this.
- Next week we will cover Chapter 4 and the beginning of Chapter 5.
- Prepare for the Tutorial Session on Friday, 20, 2009:  
3.6, 3.7, 3.9, 3.10, 3.11, 3.13, 3.15, 3.19