

# CMSI 387

## OPERATING SYSTEMS

Spring 2007

### Assignment 0118

This assignment is meant to get you started with your shared repository in addition to getting you thinking (just a bit) about your kernel project. Some preliminary reading is included as well.

#### Not for Submission

1. Read Chapters 1 and 2 in SGG.
2. If you haven't done so already, acquire a Keck lab user account.

#### For Submission

We will use the shared repository provided with your Keck lab account for all electronic deliverables; for this assignment, we'll set it up and place some an initial file in it.

#### What to Do

In a text file called *your-lastname-project-ideas.txt*, list at least three possible ideas for a kernel project. Even though the class is just starting, I'm sure you have *some* knowledge of operating systems, so just use that for now. No need to worry about scope or difficulty yet; this is your chance to brainstorm.

#### How to Turn it In

1. Submit a printout of your brainstorming text file on hardcopy.
2. Commit the file to CVS, following the specifications given on the right.

#### Repository Setup

Since I will access your work electronically, you must follow the instructions below *to the letter, down to the capitalization*. Many of these steps are for initial setup only, and subsequent submissions won't be quite so involved:

1. Your Keck lab account already comes with two CVS subdirectories, *projects* and *homework*.
2. Use the *setup-class* script under */afs/cs.lmu.edu/projects/m/metropolis/scripts* to initialize your CVS directories for this course.
  - For this class, the specific invocation is *~metropolis/scripts/setup-class cmsi387 dondi*
  - This script will create two correctly configured directories in your repository: *homework/cmsi387* and *projects/cmsi387*
3. On any computer that you will use for your school work, check out *homework/cmsi387*.
4. Place your brainstorm text file, *your-lastname-project-ideas.txt*, under your local copy of *homework/cmsi387*.
5. You should also have a *projects/cmsi387*. We'll leave that be for now.
6. Commit your files.

After completing the assignment and the setup steps, your final CVS depot tree should include the following files and directories, and I should be able to check them out myself:

```
homework/cmsi387/  
    your-lastname-project-ideas.txt  
projects/cmsi387/
```

If CVS problems persist, Caskey Dickson, our lab manager, will hold a CVS learning session during Convocation Hour on the third Tuesday of the semester. Contact him for details if you want (or need) to attend.