SVN – Guide

1. General remarks

This class uses a special way to distribute files and to collect projects. All files will be downloadable from a central server, while all submissions should be uploaded to this server. We will use the subversion (svn for short) versioning system, which allows for read/write individualized file access, and also versions all the files. That is, once something is submitted, it will never be overwritten, but only updated, and all changes will be saved. It is always possible to get any older version from the repository.

2. Setup of your own local copy of the repository

First, you need to have an account on acad.ece.udel.edu. If you do not have an account yet, you need to apply for an account through the EECIS webpage http://www.eecis.udel.edu/NewAccount/.
You will need to checkout (i.e., download) the repository to a place where you want to work on the project. You can checkout the repository by typing the following:

```
svn co svn+ssh://<username>@svn.acad.ece.udel.edu/repos/cisc471-672-f11
```

(where <username> is your cis-username) in the command line. Automatically, a new folder will be created and you will have your local working copy in that folder. Whatever way you choose to log on to the repository, you will be asked for a password, which will be your cis account password. You may be asked twice for the password.

3. Using other systems than the cis-system

To make use of svn, you will need to have an svn-client installed on your computer. The cis-servers already do have a Linux-command-line version installed. There are various other clients freely available on the Internet, for any given operating system. Please search the web to find something suitable for your purposes or contact your TA for recommendations.

4. Structure of the repository

- "bin" - The folder "bin" includes binaries for spim and coolc. Also, here is a version of spim and a special "trap.handler" file, which is needed to compile a version of spim suitable for our purposes.

- <yourAccountName> - There is also a folder with your name. This is the only folder where you have the right to write. All your work should go into that folder. You will have **five** additional folders under this folder, which is where the work for each of your **five** phases of the project will be done.

You have read/write permission only in the folder having your name, all other folders are only read-accessible (and of course the folders of your classmates are hidden from you). All other handouts are all available on the course web site.

Note: There are several important resources on the course website including manuals for cool and spim, as well as CoolOverview.pdf (available on the course website at the bottom under online documentation) that will give a quick intro into cool, and also giving more pointers.