

Princeton University

COS 217: Introduction to Programming Systems

Configuring Your Computing Environment: Using a Friend Center 016 Computer

Follow these steps to configure your environment to use a Friend Center 016 computer for COS 217:

1. Log into a Friend 016 computer.

Type your username and password.

If this is your first login, choose "Common Desktop Environment" as your desktop environment.

(After successful login, a control panel is displayed at the bottom of the display.)

2. Open a Terminal window.

Click the right mouse button once (and release) in an empty area of the display.

Click the left mouse button on the menu entry for "Tools."

Click the left mouse button on the sub-menu entry for "Terminal".

Confirm that you have a Terminal window somewhere on the display, and that a UNIX prompt is displayed in that window.

3. Configure the Emacs editor.

In the Terminal window...

Issue these commands to copy a reasonable Emacs startup file to your home directory:

```
cd
cp ~cs217/.emacs .
```

(Suggestion: Examine the .emacs file.)

4. Configure a news tool to read from and write to the course newsgroup.

To configure the "pine" e-mail and news tool...

In the Terminal window, issue this command to launch pine:

```
pine
```

In pine, issue these commands:

Press M to go to the main menu.

Press S for setup.

Press C for configure.

Press arrow keys to select nntp-server.

Type C for change

Type news.princeton.edu.

Press E to exit setup.

Press M to go to the main menu.

Press L for folder list.

Press arrow keys to select "News on news.princeton.edu".

Press A to Add.

Type pu.cs.217.

To subsequently read newsgroup postings:

Press M to go to the main menu.

Press L.

Press arrow keys to select "News on news.princeton.edu".

Press Enter.

Press arrow keys to select pu.cs.217.

Press Enter.

5. Make the “bash” shell your login shell.

In the Terminal window...

Issue these commands to copy reasonable bash startup files to your home directory:

```
cd
cp ~cs217/.bash_profile .
cp ~cs217/.bashrc .
```

Issue this command to make bash your default shell:

```
chsh
```

Enter your Princeton password.

Type “/usr/princeton/bin/bash” as the executable file to use as your shell.

(Suggestion: Examine the .bashrc and .bash_profile files.)

6. Exit the Terminal window.

In the Terminal window, issue the “exit” command.

7. Logout.

Position the mouse over the background, i.e., not over any windows.

Click the *right* mouse button, and select "Logout".

Wait a few minutes for the chsh command to take effect.

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