

## Week 7 Homework

In this homework we are going to start working on the final project. You are asked to setup Apache, do some configuration editing and test your result.

To make your life easier, we are going to use a built-in package management system. The OS on pileup.ocf we are using is Debian, and its packaging system uses the command *apt-get*.

**apt-get** with the apt standing for **Advanced Packaging Tool** makes our lives easier in that it automates the process of downloading the package, configuring it, compiling and installing it on your machine, which you did before. As you saw in the previous lab, it can all be done in one easy step.

### apt-get

- *apt-get update install package-name* installs the package on your Debian-based system. *package-name* is the official name of the package you want to install. For example, *apt-get install vim* install Vi IMproved text editor you learned earlier in the class. You can find the list of packages by searched through <http://www.debian.org/distrib/packages>.
- *apt-get remove package-name* removes the package from your OS.

Keep in mind that Solaris which is installed on OCF and INST does not have such a convenient package management system to use.

### Apache

In this homework, you are going to install Apache again. The first time we asked you to install you, you did the process by hand, however, this time it should be much easier.

### Questions:

- 1) Install **apache** using apt-get.
- 2) Find where the default configuration files are stored.
- 3) Change the configuration so that apache will listen on port 1xx80 where xx is your group's number.
- 4) Find where you need to put the index.html so that you will be able to access your webserver.
- 5) Create index.html with following information: Your group number, your and your partner's name, your cs198 and OCF logins, time and date when you created the page. So, for example  
Group: Group14  
Names: John Doe, Jane Done  
INST: cs198-aa, cs198-ab  
OCF: foo, bar  
Date: 10/23/2005, 22:35
- 6) Start apache
- 7) Test to make sure that when you try to access pileup.ocf.berkeley.edu:1xx80 your index.html page will be displayed.

**Both** members of the group have to fully understand the homework. This homework should be a collaborative effort to the fullest extent.

**One** person from the group should email the commands you ran with results to `dima+decal@ocf.berkeley.edu` and you are done!