

# System Administration

## Week 5 Lab: Installing Apache

March 6, 2006

### 1 Introduction

This week you will install Apache two ways - from source, and using apt-get command to install the preconfigured version for Debian.

You will find that it will be much faster to use apt-get, however, there are some programs that may not have a nice preconfigured version for the OS you are using, so this will be more practice configuring and compiling from scratch, like you did last week with the kernel.

### 2 First Way

- Get the latest source from [apache.org](http://apache.org)
- Uncompress it into `/usr/local/src/apache`
- Configure it. What command did you use?
- Compile it. What command did you use?
- Install it. What command did you use?

#### 2.1 Follow-up Questions

- Where is the Apache configuration file installed?
- What is the default port on which Apache listens on?
- On what range of ports can Apache listen on?
- How would you change the port for apache to listen on to `1xx80` where `xx` is your group's number?
- What is the location of the Apache error log file?

### **3 Second Way**

- How would you install Apache using apt-get command?
- Re-install apache using apt-get
- Change for the default port for apache to listen on to 1xx80 where xx is your group's number
- Start Apache, and check pileup.ocf.berkeley.edu:1xx80 (where xx is your group's number) if apache is up and running.
- Create a simple page with your group's number

### **4 Submission Instruction**

Same as last week!