Processes, Services and Apache – Practical Sheet

In Class Practical

Setting Up

Open a command line and copy the teacher provided website (html files) to /var/www/mywebsite then prepare to do all tasks below to host this website.

Installing Apache2

Using the command line, install the apache2 package on your machine.

Configuring a new Server

Set up a new apache website using /var/www/mywebsite as the base directory, make sure to configure it using your computers name as the virtual host, or use * if your computer is your own laptop.

Enable the SSI Plugin

Using the apache2 mods system, enable the SSI mods (server side includes), this should make the supplied website work properly. Don't forget to restart the apache2 service.

Hosting a Test Website

Copy the contents of the supplied website to the configured DocumentRoot. This should have the effect of hosting the website.

Monitoring it for hits

Monitor the configured log file for web access using the tail -f command, do this in a terminal. Also bring up a seperate terminal and run ps to look at the running apache2 process and then run top to monitor how much resources are being used by the new service.

View Website

Open up a browser and browse to your new website, this will either be http://localhost/ or http://[hostname]/.

Looking for Errors

Don't forget to check the error log for any errors which might occur, if you get the configuration wrong, you should see errros.