

# LESSON PLAN – Processes, Services and Apache

This section focuses on managing a computers running services or daemons. It's important to stress the foundation of what services mean both to the local computer and to the wider network. Some examples of services and then a run down of setting up apache and crond should be worthwhile.

## Overview

- Personal Introduction
- Concepts
  - Processes
  - Services and Daemons
  - HTTP Web services
- Controlling Services
  - Running from Command Line
  - Using Init.d controls.
- Services Monitoring
  - Process Monitoring (ps and top)
  - Looking at pid lock files.
  - Log Monitoring (tail, head, wc etc)
- Apache2 Web Service
  - Basic Configuration
  - Viewing a webpage
  - Extensions and Sites Management
- Practical
  - Installing Apache2
  - Configuring a new site
  - Enable the SSI plugin
  - Hosting a Test Website
  - Monitoring it for hits and resources
  - Viewing the Resulting Website
  - Looking for Errors

## Materials

1. Section Presentation (slides)
2. Overview Sheet
3. Practical and Assignment Sheet
4. Apache2 example configuration file
5. Supplied SSI enabled test website