Package Management – Practical Sheet

In Class Practical

Packages

1. Download a deb package and install it
2. Find and install the package which provides the 'xmllint' program.
3. Purge the installed package.
4. Clear the entire apt cache, saving disk space.
5. Install all upgraded packages

Install PPA Repository

1. Install the teachers provided PPA from launchpad
2. Add the teachers gpg key to confirm the authenticity of the repository.
3. Update your repository cache.
4. Install any of the available packages from the PPA.
5. Purge the install packages to clean up.

Set up your own Apt Repository

1. Install the Apache web-server.
2. Create the repository directories in your private html directory.
3. Add 3 different deb files to your repository.
4. Generate a package index for your repository.
5. Add the repository to your neighbours computer.
6. Install a package from your new repository.

Set up an Apt-Cache Service

1. Set up a simple apt-cache service for a network
2. Compare with an apt-mirror
3. Confirm that packages installed are cached