


# LPIC-1 101-400 – Lesson 15 – Lab

- \* Enter into your Debian Lab environment
- # cd Lab 15 # Enter into the Lab15 directory
- # wget http://ftp.uk.debian.org/debian/pool/main/f/fonts-gfs-artemisia/fonts-gfs-artemisia\_1.1-5\_all.deb # download the fonts-gfs-artemisia package file from the UK Debian mirror
- # dpkg -i fonts-gfs-artemisia\_1.1-5\_all.deb # install the package from the .deb file
- # dpkg -s fonts-gfs-artemisia # show installed package information
- # dpkg -L fonts-gfs-artemisia # show package files
- # dpkg -S apt # show packages the contain the term 'apt' in the package's filenames
- # dpkg -S apt-get # same for 'apt-get'
- # dpkg -l apt # list package apt
- # dpkg -l apt\* # list packages containing 'apt' in their name
- # dpkg-reconfigure locales # reconfigure system locales
- # dpkg-reconfigure tzdata # reconfigure timezone

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- `# dpkg -r fonts-gfs-artemisia # remove the fonts-gfs-artemisia package`
- `# dpkg -p apt # print apt package info`
- `# dpkg -I fonts-gfs-artemisia_1.1-5_all.deb # show information about the fonts-gfs-artemisia_1.1-5_all.deb package file`
- `# dpkg -C # perform a consistency check (audit) of all the installed packages`
- `# find /var/lib/dpkg | less # list the contents of the apt data directory`
- `# find /var/lib/dpkg -name bash.list \ # show the files of exec cat {} \; | less # the bash package`
- `# vi /etc/apt/resourceful # show the official debian repositories`
- `# apt-get install apache2 # install apache2 interactively`
- `# apt-get -y install aptitude # install aptitude non-interactively`
- `# find /var/cache/apt # find the apt cache contents`
- `# df -hT # note the filesystem sizes`
- `# apt-get clean # clean the apt cache`

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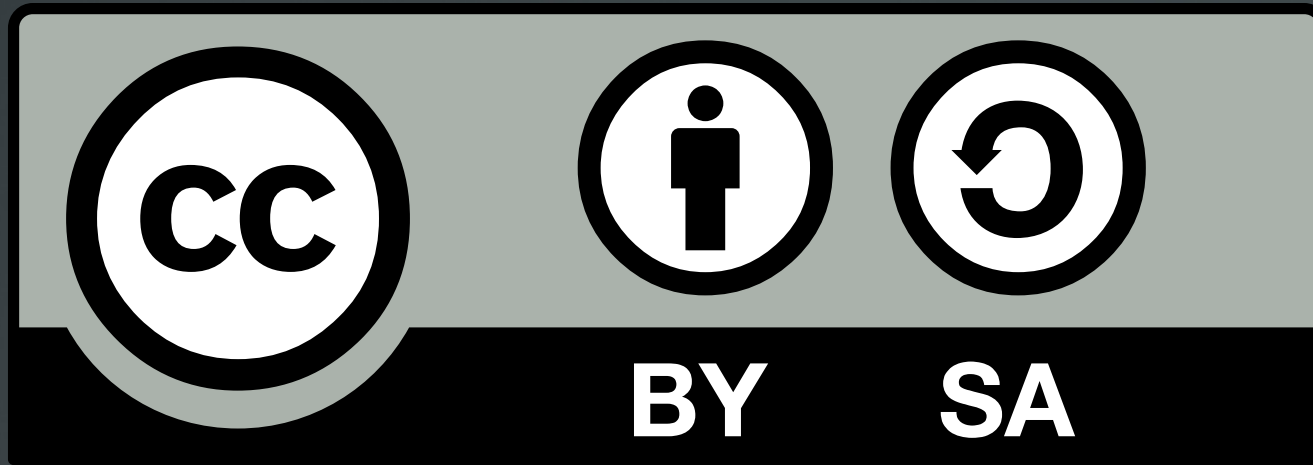
- # **df -hT** # any differences?
  - # **find /var/cache/apt** # find the apt cache contents now
  - # **apt-get update** # get the new versions of installed packages
  - # **apt-get -y dist-upgrade** # upgrade the system
  - # **apt-cache show postfix** # show information about postfix
  - # **aptitude show postfix** # show information about postfix
  - # **apt-cache search medical** # search for packages related to 'medical'
  - # **aptitude search medical** # search for packages with the keyword 'medical' in their name
  - # **apt-get remove postfix** # install postfix
  - # **find /etc/postfix** # find the postfix configuration files
  - # **aptitude show postfix** # show information about postfix
  - # **apt-cache showpkg postfix** # show additional information about postfix
  - # **apt-cache depends postfix** # show postfix dependencies
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- # `apt-cache rdepends postfix` # show postfix reverse dependencies
- # `apt-get -y install postfix` # install postfix again. Note that no TUI is shown this time
- # `dpkg-reconfigure postfix` # reconfigure postfix using TUI
- # `apt-get purge postfix` # remove postfix along with its configuration
- # `find /etc/postfix/` # show postfix configuration files
- # `apt-cache stats` # show packages stats



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