

BASIC UNIX & LINUX COMMANDS

Checking Account Details:

Account details can be checked
(including print quota level) using: **acc OR pp**

Disk Quota Used: **rquota**
Detailed Disk Usage: **disk_guess**

Basic File Management:

To remove a file: **rm <filename>**
To remove a directory: **rm -rf <dir name>**
To create a directory: **mkdir <dir name>**

Print Commands:

To print: **lpr -P<printer> <filename>**

To print a job *without* the student number watermark
Double Sided: **lpr -P<printer>.dup**
Single Sided: **lpr -P<printer>.sgl**

To check printing queue: **lpq -P<printer>**
To remove print job: **lprm -P<printer> <job no.>**

Place multiple PS pages onto
a single physical page: **mlpr -<no. logical pages>
-P<printer><filename>**

NOTE: The *mlpr* command can *only* be used for PS files. To print PDF files using *mlpr* first convert them to PS using **pdf2ps <filename.pdf>** and then print the newly created PS file using *mlpr*

NOTES:

1. The job number for a particular job can be obtained by running the **lpq** command as shown above.
2. If printing double-sided, TWO pages are deducted from your print quota.

FOR FURTHER INFORMATION :

FAQ Page: **<http://www.cse.unsw.edu.au/faq>**
Manual Pages for each command: **man <command name>**
Consult the Help Desk

Floppy Disk Commands:

Disk contents:
Copy file (floppy – home dir)
Copy file (home dir – floppy)
Delete file
Format a floppy disk:

mdir
mcopy a:/<filename> .
mcopy <filename> a:
mdel a:/<filename>
mformat a:

Note: Please view the man page for mtools for a complete description

Compressing Files and Directories:

To compress a file:
To decompress a file:
To compress a directory:

To decompress a directory:

gzip <filename>
gunzip <filename>
tar cvf – <archive name>.tar
> <dir name>
tar -xvf <archive name>.tar

Viewing/ Printing PDF and PS files:

PDF files can be viewed using either **acroread** or **xpdf**

Print through *acroread* (PDF):
Print through *xpdf* (PDF):
Print through *gv* (PS):

lpr -P<printer>
|lpr -P<printer>
lpr -P<printer>

Formatting text files for printing:

Use the *aps* command:
-P<printer>

aps <option> <filename> | lpr

Eg. Print a text file with no border/
header in PORTRAIT form

aps --B -P --H file.txt | lpr -P<printer>
no border Portrait mode

(the ~ is used to turn OFF the border and header option.)

Basic LaTeX Commands:

Process the formatted source file:
Preview the latex (.dvi) file:
Convert *dvi* file to *ps*:
Print a *dvi* file:
Create a *pdf* file:

latex <filename>.tex
xdvi <filename>.dvi
dvips <filename>.dvi -o
dvips <filename>.dvi | lpr -P<printer>
pdflatex <options> <commands>

Note: Please view the man page for pdflatex for a complete description

Book Commands:

To enter the booking system:
To book a terminal once *in* the
Booking system:
date>

book
book <start time – finish time><day/

To *claim* a booked terminal:

claim

*To book a terminal using a graphical interface, use **tkbook** instead of book*