

## Some useful Linux commands

James Thompson, 2006

### Navigating Around

ls -la  
cd *directory*  
cd ..  
pwd  
mkdir *directory*  
rmdir *directory*  
cp *source destination*  
rm *file1 file2 ..fileN*  
mv *old-file new-file*  
man *program/command*  
*command* |grep *string*

List files in current directory  
Change directories  
Go one directory down  
Show present working directory  
Create directory  
Remove directory (must be empty directory)  
Copy files  
Remove files  
Move or rename file  
view manual of program/command  
run command and search for string \*very useful to become familiar with\*

### Remote Access and Job Control

ssh *userid@econ.queensu.ca*  
who  
ps -u *username*  
kill -9 *PID*  
nice -19 *PID*

Connect to qed  
List users connected currently logged in  
List all processes being run by a user  
Kill process PID. -9 to kill with extreme prejudice  
change running program to maximum niceness

### Printing

lpr *file*  
lpq  
lprm *PID*

Print file  
View print queue  
Remove print job

### Mathematics and Econometrics Software

nice xstata  
nohup nice stata -b *program.do* &  
nice tsp  
nice matlab  
nice octave2.1  
nohup ox1 input.ox > output.out &  
nice xmaple

Graphical stata  
Stata in batch mode (**stata** for text mode)  
(T)ime (S)eries (P)ackage  
Matlab  
Octave, free matlab clone  
Ox in batch mode  
Maple in graphical mode (**maple** for text mode)

### Text Viewing/Editing

cat *filename*  
more *filename*  
emacs  
nano / pico  
nedit

Show contents of file  
Show contents of file with pauses  
Emacs text editor  
Simple text editor  
Easy to use windowed text editor

### Typesetting, Web Browsing

latex *file.tex*  
xdvi *file.dvi*  
gv *file.ps*  
xfig  
firefox  
mozilla

Run file through latex  
View DVI file  
View post-script file  
Create high quality diagrams for latex  
Run firefox web browser  
Run netscape web browser