

Summary of basic LINUX commands

how to get in and out

for getting linux on windows started: see Linux Exercise

get in: LOGIN: **username** example: **kvollmay**
 and hit “Enter”

 PASSWORD: **your_password** and hit “Enter”

get out (log off): left click on “System” (on top bar) and choose
 “Log Out ...”. Then confirm with clicking at “Log Out”.

terminal window

open: with cursor on background click on right mouse button
 and choose “Open Terminal”. This should open a window
 in which you can write commands.

close: type **exit** and hit “Enter” (as with all following commands)

help/information

man *command* example: **man cd** (quit by typing **q**)

apropos *keyword* example: **apropos directory**

see also: <http://www.eg.bucknell.edu/~cs203/manual.pdf>

general computer info: <http://www.eg.bucknell.edu/physics/ph310>

handling directories

mkdir to create directory

rmdir to delete directory (**careful !!!**)

cd to change directory

pwd print working directory

mv *old_directory_name new_directory_name* name change

ls lists contents of directory

ls -la for more information about files and directories

handling files

cp *old_filename new_filename* copies file

mv *old_filename new_filename* name change (**careful !!!**)

mv *old_filename directory_name* moves file into different directory

rm *filename* removes file (**careful !!!**) use instead **rm -i**

gedit editor: to create or modify file (see Linux Exercise)

vim *filename* another editor

file *filename* information about content of file

chmod a+r *filename* gives other users the permission to read this file

quick look at files:

`cat filename` displays complete file
`more filename` displays file page by page
`head filename` displays first lines of file
`tail filename` displays last lines of file
`less filename` allows you to go back and forth in file

handling processes

`ps` lists running processes
`kill process number` kills running process

email

`pine` gets you into pine session.
within pine: see bottom of page for option of commands
main commands:
 m to get to main menu
 i to get to messages of current folder, which is by default
 the folder of incoming emails
 c to compose and send an email
 q to exit pine session

printing

for ps-files: `lpr -Pacws204-lp1d filename`

for text-files (incl. program listing):

`a2ps -2r -Pacws204-lp1d filename`

where `acws204-lp1d` specifies the printer in ACWS 204 and the `lp1d` is for double-sided printing (single sided with `lp1`).