"UNIX quick reference"

Command, description, **examples, comments**

Command	Description

cd	**Switch from the current working directory to another directory**. The cd command without a given path name will change the current working directory to the users HOME directory.
	Examples:
	`cd` `go to HOME directory`
	`cd /work/kv0653/NCL_Tutorial` `go to /work/kv0653/NCL_Tutorial`

pwd	**Return the working directory name**. If you don't know where you are in the directory tree type pwd and retrieve the name of your current working directory.

ls	**List directory contents**. Without an additional option the content of the current working directory is displayed. To display more information about a directory or file, see the manual page of ls [man ls].
	Examples:
	`ls` `display contents of the current directory`
	`ls –la` `display long listing including hidden files`
	`ls –lart` `same as above but reversed display by creation time`

man	**Display the on-line manual page of a command**. Examples: `man ls` `display the on-line manual page of the ls command`
mkdir	**Make directories**. Creates named directories. Examples: `mkdir my-ncldir` `creates a new and empty directory named my-ncldir`
cp	**Copy files or directories**. *Attention: cp overwrites an existing file*. Use `cp –i` to cause cp to write a prompt to the standard error output before copying a file that would overwrite an existing file. See manual pages of cp [man cp]. Examples: `cp my_script.ncl next_script.ncl` `create a copy of the file my_script.ncl and name it next-script.ncl`
mv	**Move or rename files or directories**. *Attention: mv overwrites an existing file*. Use **mv –i** to cause mv to write a prompt to standard error before moving a file that would overwrite an existing file. See manual page of mv [man mv].

	Examples:
	    `mv next_script.ncl plot_xy.ncl` `rename the file next_script.ncl to plot_xy.ncl`
	    `mv my-ncldir NCL_scripts` `rename the directory my-ncldir to NCL_scripts`

rm	**Delete files or directories. See manual page of rm [man rm].** *Attention: once a file or directory has been removed it can only be retrieved from a backup.* Examples: `rm my_script.ncl` `delete the file my_script.ncl`
more	**Read one or more files and display its contents one screen at a time**. Examples: `more my_script.ncl` `display the content of the file my_script.ncl`
cat	**Read one or more files and display its contents**. Examples: `cat my_script.ncl` `display the content of the file my_script.ncl`
less	**A program for browsing or paging through files or piped output.** See the manual pages of less [man less]. Examples: `ls -la	less`    `list directory contents and display it page by page`

file	**Determine the type of the named file according to the type of data they contain**.
	Examples:
	    `file my_script.ncl` `returns e.g.  my_script.ncl: ASCII English text`
	    `file anyprogram.ksh` `returns e.g.  a /usr/bin/ksh script text executable`

ssh	**Secure shell – a program for logging into a remote host**. See manual pages of ssh [man ssh]. Examples: `ssh –X u88888@blizzard` `login on blizzard computer with the user account u88888`

scp	**Secure copy files between hosts on a network which uses ssh for data transfer**.
	Examples:
	    `scp u88888@blizzard:NCL_scripts/my_script.ncl .` `copy from account u88888 on blizzard the`
	    `file my_script.ncl in directory NCL_scripts to the current directory of your local computer`