

Terminal commands

This book belongs to:

navigate the file tree

changing directory to `dirname`
`cd dirname`
 move up a directory in the tree
`cd ..`
 dont forget you can drag a folder in from the finder to get a path to that directory
 go back to the last directory I was in
`cd -`
 where am I? (present working directory)
`pwd`
 list what's in this directory
`ls`
 now give me more information in the listing
`ls -lah`
 ssh to server
`ssh user@domain.com`

find & open

list all files recursively in subdomains
`find .`
 find all files with '.css' in the name
`find . | grep .css`
 find the string 'prose' in the contents of all the files in this directory
`grep -r "prose" .`
 open a file as if you had double clicked it in the finder (mac only)
`open filename`
 open the current directory in the finder
`open .`
 make a directory called `dirname`
`mkdir dirname`
 create a file called `filename` if it doesn't exist or update last modified date if it does
`touch filename`

move, remove & copy

move or rename a file or directory
`mv oldname newname`
 remove a file
`rm filename`
 remove a directory and all its contents. **BE VERY CAREFUL!** you could easily delete everything!
`rm -rf dirname`
 copy a file
`cp oldfilename newfilename`
 copy a directory and everything in it
`cp -r olddirname newdirname`
 securely copy a file to / on a remote server
`scp file user@domain.com:`
 you can also copy a directory using `scp -r`

subversion

check out a repository to the current directory
`svn co URL .`
 update local directory from repository
`svn up`
 are there new or modified files?
`svn status`
 add new files to the repository
`svn add filename`
 remove a file from subversion
`svn remove filename`
 mark a previously conflicted file as resolved
`svn resolved filename`
 who changed what line number of this file
`svn blame filename`
 commit all changes in this directory
`svn commit -m "commit message"`

help & information

run any command as root
`sudo your-command-here`
 get help for any command, eg `svn`
`svn --help`
 how long has this computer been on?
`uptime`
 what is the size of the current directory and all the contents
`du -n`
 cancel the command you were currently typing
`Ctrl+C`
 go to the beginning of the line in the terminal
`ea + lrtc`
 go to the end of the line in the terminal
`ea + lrtc`

subversion & download

is this directory checked out from svn? and where?
`svn info`
 show everything that has changed
`svn diff`
 show what has changed in one file
`svn diff filename`
 open text editor in order to specify which files to ignore from svn
`svn propedit ignore`
 download a file to the current directory
`wget URL`
 show the contents of a file in the terminal
`curl URL`