

Introduction to Python

Mac/Linux and Windows Command Line Reference

. (one dot) in a path = *current dir*; .. (two dots) = *parent dir*; * (asterisk) in a filename = "any chars"

relative path: relative to current directory, starting with file or dir name; **absolute path:** starting with / or C:\

command	Mac / Linux	Windows
<u>show current or present working directory</u>	pwd	not needed – pwd is displayed in every prompt
<u>change directory</u> change to a relative path dir change to an absolute path dir change to parent directory change to dir in parent dir	cd cd mydir cd /Users/david/mydir cd .. cd ../otherdir	cd cd mydir cd C:\Users\david cd .. cd ../otherdir
<u>list a directory</u> list present directory list a relative path dir list an absolute path dir list parent directory list a dir in parent dir list only .txt files	ls ls ls mydir ls /Users/david/mydir ls .. ls ../otherdir ls *.txt	dir dir dir mydir dir C:\Users\david dir .. dir ../otherdir dir *.txt
<u>make a directory</u> make a dir in current dir make a dir in parent dir	mkdir mkdir newdir mkdir ../othernewdir	mkdir mkdir newdir mkdir ../othernewdir
<u>display contents of a file</u>	cat cat thisfile.txt	type type thisfile.txt
<u>copy a file</u>	cp cp this.txt that.txt	copy copy this.txt that.txt
<u>move a file</u> rename a file move a file to a relative path dir move a file to parent dir move a file from dir to present dir	mv mv thisfile.txt that.txt mv thisfile.txt mydir/ mv thisfile.txt .. mv mydir/thisfile.txt .	move move this.txt that.txt move this.txt mydir\ move this.txt .. move mydir\this.txt .
<u>remove a file</u>	rm rm thisfile.txt	del del thisfile.txt
<u>remove a directory</u>	rmdir rmdir mydir/	rmdir rmdir mydir/
<u>change permissions on a file</u>	chmod chmod 755 myprog.py	not used in Windows

