Cheatography

Git & co Cheat Sheet

by fuego via cheatography.com/164606/cs/34494/

Virtual Environment (virtualenv & venv)

Install virtualenv	`pip install virtualenv`
Create virtualenv	`virtualenv -p python3 my-env`
	`python3 -m venv $my-env`
Activate virtualenv	`source my-env /b i n /a ct ivate`
Deactivate	`deactivate`
Delete virtualenv	`rm -rf my-env`

pip

Installation	
Install pip python 3	`sudo apt-get install python 3-p ip`
Install defined library	`pip install lib`
	`pip install lib==1.4.0`
Uninstall defined library	`pip uninstall lib`
Update library version	`pip install lib --upgrade`
	`pip install lib=1.3.0 --upgrade`
Display	
Display installed libraries	`pip list`
	`pip freeze`
Create requir-ement file	`pip freeze > requir eme nts.txt`
Install from requir-ement file	`pip install -r requir eme nts.te xt`

pip (cont)

Display outdated libraries	`pip list --outdated`

Linux - Directory operations

Show current directory	pwd
Make directory	dir my-dir
Change directory	cd my-dir
Go up a directory	cd ..
List files	ls

Linux - ls options

Show all (including hidden)	-a
Recursive list	-R
Reverse order	-r
Sort by last modified	-t
Sort by file size	-S
Long listing format	-l
One file per line	-1

Linus - File operations

Create file	touch my-file
Concatenate files and ouput	cat my-file1 my-file2
Get type of file	file my-file
Copy	cp my-file copied-_file
Move	mv my_file moved_file
Delete	rm my-file
Show first 10 lines	head my-file
Show last 10 lines	tail my-file

Linus - Search files

Search for pattern in files	grep pattern files
Case insensitive search	grep -i
Recursive search	grep -r
Inverted search	grep -v
Show matched part of file only	grep -o
Find files starting with *name* in *dir*	find /dir/ -name name

Linux - Nano shortcuts

Files	
Read file	Ctrl-R
Save file	Ctrl-O
Close file	Ctrl-X
Cut and Paste	
Start marking text	Alt-A
Cut marked text of line	Ctrl-K
Paste text	Ctrl-U
Navigate file	
End of file	Alt-/
Beginning of line	Ctrl-A
End of line	Ctrl-E
Show line number	Ctrl-C
Got to line number	Ctrl-_
Search file	
Find	Ctrl-W
Find next	Alt-W
Search and replace	Ctrl-\

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