Python Virtualenv Cheat Sheet

by avryhof (avryhof) via cheatography.com/2677/cs/7834/

Installation using setuptools and pip

Install Easy Setup	wget https://bootstrap.pypa.io/ez_setup.py -O - | sudo python
or	wget https://bootstrap.pypa.io/ez_setup.py -O - | sudo python3
Install PIP	sudo easy_install pip
Turn on bash autocomplete for pip	pip completion --bash >> ~/.bashrc
Enable bash pip completion	source ~/.bashrc

If you don't want to touch system files or you don't have root, please see http://stackoverflow.com/questions/4324558/whats-the-proper-way-to-install-pip-virtualenv-and-distribute-for-python

install virtualenv and virtualenvwrapper

```
sudo pip install virtualenv
sudo pip install virtua len vwr apper
```

Setup virtualenv

```
export WORKON_HOME=~/.virtualenvs
mkdir $WORKO N_HOME
echo " export WORKON _HO ME= $WO RKO N_H OME " >>
~/.bashrc
```

Setup virtualenvwrapper

```
echo "source /usr/local/bin/virtualenvwrapper.sh"
>> ~/.bashrc
echo " export PIP_VI RTU ALE NV_ BAS E=$ WOR KON -
_HO ME" >> ~/.bashrc
source ~/.bashrc
```

Use Virtualenv

Create blank env	mkvirtualenv <virtual-environment-name> --no-site-packages
Switch env	workon <virtual-environment-name>
Leave Virtual env	deactivate
Manually switch env	<vm-folder>/bin/source activate
Remove Env	rmvirtualenv <virtual-environment>

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Not published yet.
Last updated 13th May, 2016.

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