

My neovim/emacs config for python

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1 Fresh linux install

1.1 update pacman package databse

```
sudo pacman -Syu
```

1.2 get yay

```
sudo pacman -S git
git clone https://aur.archlinux.org/yay.git
cd yay
makepkg -si
```

1.3 swap caps lock and escape

1.3.1 get xcape

```
pacman -S xcape
```

1.3.2 add this to ~/.xprofile

```
setxkbmap us -option 'caps:ctrl_modifier'
xccape -e 'Caps_Lock=Escape'
```

1.4 clone my git repo

```
sudo pacman -S git
git clone git@github.com:Adarah/my_configs.git
```

2 ZSH

2.1 installation

```
sudo pacman -S zsh
```

2.2 oh-my-zsh

Follow the installations guide.

2.3 powerline 10k

Follow the installation guide.

3 neovim

3.1 installation

```
sudo pacman -S neovim
```

3.1.1 add these to .zshrc

```
export EDITOR=/usr/bin/nvim  
export VISUAL=/usr/bin/nvim
```

3.2 copy the config file

```
mkdir ~/.config/nvim  
cp my_configs/init.vim ~/.config/nvim/
```

4 emacs

4.1 install emacs (AUR)

```
yay -S emacs-git
```

4.2 Doom emacs

Follow the installation guide.

Don't forget to add it to the PATH in your zsh.rc file

```
export PATH=$PATH:~/.emacs/bin/
```

copy the hidden config files from my repos to .doom.d

If using lsp, don't forget to run M-x lsp-install-server

4.2.1 some python options that are worth taking a look at

1. lsp
2. py-isort
3. pyenv
4. cython

4.3 Getting PDF tools to work in emacs

Out of the box, the `org-latex-export-to-pdf` command will not work out of the

box, as we are lacking certain latex packages. You will need to run the following commands:

```
sudo apt install texlive-latex-base texlive-latex-recommended texlive-fonts-recommended
```

5 python

5.1 pyenv installation

```
curl https://pyenv.run | zsh
```

5.1.1 don't forget to add it to the path

5.2 poetry installation

```
curl -sSL https://raw.githubusercontent.com/python-poetry/poetry/master/get-poetry.py
```

the tutorial for zsh autocompletion is broken, follow this link