



Zsh, Oh My Zsh and ...





various scripts

## **Alternative Shell**

- Zsh
- Fish "Finally, a command line shell for the 90s"
- zsh\_vs\_fish

#### Zsh



zsh is a shell designed for interactive use, although it is also a powerful scripting language.

- Zsh SourceForge
- Doc Ubuntu

## Installation



#### MacOS

```
$ brew install zsh
$ chsh -s /usr/local/bin/zsh
```

#### Ubuntu

```
$ apt-get install zsh
$ chsh -s `which zsh`
```

# Configuration



Default file for configuration

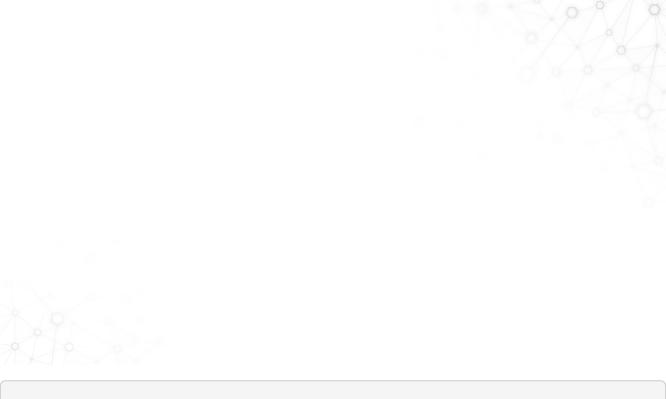
\$ ~/.zshrc #

# **Basic Usage**



```
$ ls **/*.txt  # extended globbing
$ ls *.[^oh]  # exclude
$ ls run<200-300>  # range
$ ls *.c~bar.c  # exclude file
```

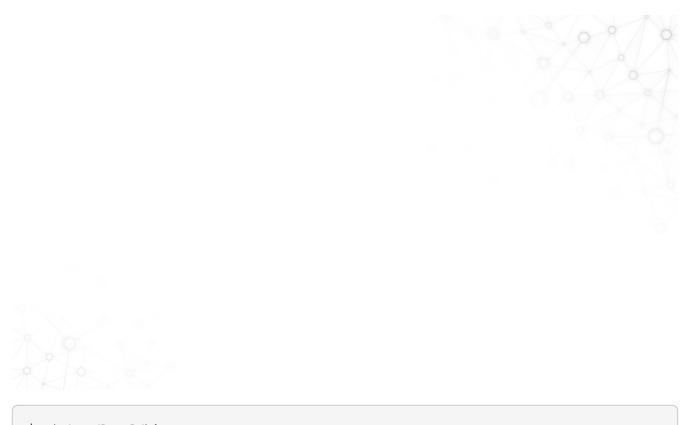
# cd completion



```
$ cd
chapters/ docs/ images/
```

```
$ cd /u/l/b/ <TAB>
$ cd /usr/local/bin/
```

# Path replacement



\$ cd /usr/local/bin
\$ cd bin share
/usr/local/share

# **Suffix aliases**



zshrc

```
alias -s md="code"
```

./README.md

#### And....



Programmable completion

# Antigen

The plugin manager for zsh.

# **Antigen - installation**

\$ brew install antigen

zshrc

source /usr/local/share/antigen/antigen.zsh

antigen init ~/.antigenrc

#### **Antigen - installation 2**

antigenrc

```
# Load the oh-my-zsh's library.
antigen use oh-my-zsh

# Bundles from the default repo (robbyrussell's oh-my-zsh).
antigen bundle autojump
antigen bundle thefuck
antigen bundle git
antigen bundle web-search

# Syntax highlighting bundle.
antigen bundle zsh-users/zsh-syntax-highlighting

# Load the theme.
antigen theme robbyrussell

# Load bundle from https://github.com/....
antigen bundle djui/alias-tips

# Tell antigen that you're done and activate completion
antigen apply
```

#### **Antigen - installation 2**

If problem with new bundles, delete ~/.antigen/

## zsh-completions



#### zsh-users/zsh-completions

```
$ ls -
-1 -- single column output
-A -- list all except . and ..
-B -- print octal escapes for control characters
-C -- list entries in columns sorted vertically
....
```

```
ln -s 2.4.11 latest
-F     -- remove existing destination directories
-f     -- remove existing destination files
....
```

- ssh
- kill

# zsh-syntax-highlighting

#### zsh-users/zsh-syntax-highlighting

```
Before: % echo $'Hello, world\x21'
After: % echo $'Hello, world\x21'
% echo 'Pay $5 to Joe'
Before: % echo 'Pay $5 to Joe'
After: % echo 'Pay $5 to Joe'
After: % echo "Pay $5 to Joe"
After: % echo "Pay $5 to Joe"
```

# zsh-autosuggestions





zsh-users/zsh-autosuggestions

 $[68747470733a2f2f61736369696e656d612e6f72672f612f33373339302e706e67]\ |$ 

https://camo.githubusercontent.co	m/8135e25b744f29	9e5fd83964eded4bd25	55aa1da74/68747470	)733a2f2

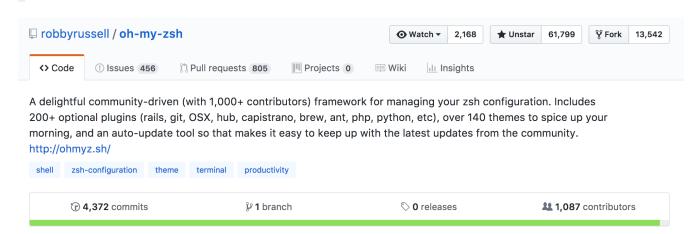
#### **Zsh extensions**



- zsh-users
- Prezto
- Oh My Zsh

#### Oh My Zsh

Oh My Zsh will not make you a 10x developer...but you might feel like one.



#### **Plugins**

oh-my-zsh/plugins

#### **Examples**

- autojump # brew install autojump j ...
- brew # aliases "bubu"
- command-not-found # need brew tap homebrew/command-not-found
- colored-man-pages
- docker # aliases + docker history <TAB>
- docker-compose # aliases + docker-compose up <TAB>

#### **Examples 2**

- git # collections of aliases
- git-remote-branch # completions on remote branches
- mvn # aliases + completions
- osx # https://github.com/robbyrussell/oh-my-zsh/tree/master/plugins/osx
- thefuck # brew install thefuck https://github.com/nvbn/thefuck

#### Powerlevel9k



Powerlevel9k is a theme for ZSH which uses Powerline Fonts.

#### bhilburn/powerlevel9k



# Installation

- - \$ brew tap caskroom/fonts
  - \$ brew cask install font-hack-nerd-font
  - \$ antigen theme bhilburn/powerlevel9k

## Customization



prompt-customization

# **Provisionning**



Do you source your dotfiles ?

## Resources



- - GitHub ~
  - Ansible
  - Awesome dotfiles

• mac-dev-playbook

# **Various**



#### **FZF**



A command-line fuzzy finder

• FZF

Z

changez rapidement de répertoire

• Z

# **Shell Highlighting**



de la coloration syntaxique pour la ligne de commande

• Zshell Fast Syntax Highlighting

## ipt



Interactive Pipe To: The missing cli interactive workflow

iPipeTo

#### .zshrc.d

zshrc.d

```
for file in ~/.zshrc.d/*.sh;
do
   source $file
done
```

```
$ ls ~/.zshrc.d/
advanced-ssh.sh env.sh ipt.sh macosx.test svn.sh
aliases.sh golang.sh lmfr.sh powerlevel9K.sh zsh-highlight.sh
```

## alias-tips

djui/alias-tips

antigem bundle djui/alias-tips

```
$ git commit -am
Alias tip: g cam
```

# Merci