

ZSH

# Features

Bash compatible

Autocomplete

Autocd

Customised Prompts

Spell checker

Ftp client

Fully customisable

Aliases for directories

# .zshrc

- Like .bashrc this holds your config.

```
export ZSH=$HOME/.oh-my-zsh
export ZSH_THEME="mysimple"
plugins=(rvm git bundler cap deb debian command-not-found)
source $ZSH/oh-my-zsh.sh
```

```
# Customize to your needs...
```

```
export PATH=/home/map7/.rvm/gems/ruby-1.9.2-
p180/bin:/home/map7/.rvm/gems/ruby-1.9.2-
p180@global/bin:/home/map7/.rvm/rubies/ruby-1.9.2-
p180/bin:/home/map7/.rvm/bin:/home/map7/bin:/usr/local/sbin:/usr/local/
bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games
```

```
[[ -s $HOME/.rvm/scripts/rvm ]] && source $HOME/.rvm/scripts/rvm
```

# Setup

Debian based

```
$ sudo aptitude install zsh
```

Fedora

```
$ yum install zsh
```

Set shell as default

```
$ chsh -s /bin/zsh.
```

# Autocomplete

- Tab to auto complete
- Advanced auto complete of command options
- Autocomplete over remote connection

# Spellchecking

- Entering in tra will prompt you to correct it to tar
- This works even when you have a long command:

```
$ tra tf sphinx-0.9.9-deb-af.tar.bz2
```

- It fixes up your history as well.

# Qualifiers

Print directories

```
$ print */(/)
```

Print symlinks

```
$ print */(@)
```

Print all files accessed in the last hour

```
$ print **/*(.m0)
```

Find all files over 200MB (test on notebook before hand)

```
% print **/*(Lm+200)
```

# Oh my zsh

Plugin which gives you

- Themes
- Heaps of shortcuts for popular languages
- Auto update

<https://github.com/robbyrussell/oh-my-zsh>



# Oh my zsh: Installation

One line install

```
$ wget --no-check-certificate  
https://github.com/robbyrussell/oh-my-  
zsh/raw/master/tools/install.sh -O - | sh
```

# Oh my zsh: Customisation

- `plugins=(rvm git bundler cap deb debian command-not-found)`

# Functions

- Functions can be used to gather information, the following shows the current git branch.

```
function current_branch() {  
  ref=$(git symbolic-ref HEAD 2> /dev/null) || return  
  echo ${ref#refs/heads/}  
}
```

# Using functions

Functions can be used in alias

```
alias ggpull='git pull origin $(current_branch)'
```

# Tips

Don't auto correct cap to cp:

```
alias cap='nocorrect cap'
```

Repeating commands confirms before running

Hitting M-q whilst writing a command lets you do a command before and return.

# References

<http://www.tuxradar.com/content/z-shell-made-easy>

<http://zsh.sourceforge.net/Guide/zshguide.html>

<http://zsh.sourceforge.net/Guide/zshguide.html>

<http://www.rayninfo.co.uk/tips/zshtips.html>

<http://physos.com/2010/09/24/my-custom-zsh-prompt/>

<http://grml.org/zsh/zsh-lovers.html>

<http://stevelosh.com/blog/2010/02/my-extravagant-zsh-prompt/>

<http://grml.org/zsh/zsh-lovers.html>

# Questions