

ZSH Notes

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Repository: <http://github.com/mitechie/zshrc>

Bookmarks: <http://www.delicious.com/deuce868/zsh>

Prompt

```
[master//zsh_samples N ]% (rharding@rharding:~/src/zsh_samples/)
```

- Prompt has two parts - left/right
- When the terminal line runs long, right side disappears.
- Using `vcs_info` you can add in custom prompt details for all major VCS (svn/git/hg/bzr)

Vim Mode

- `esc` : enter command mode - I use mapped to `jj`
- `w/b` : forward/back word in editing prompt
- `cw/dw` : change current word/delete word
- `f /` : move cursor forward to first instance of forward slash
- `!!:s/XX/YY` : Run last command, but replace XX with YY
- `/` and `?` : searching the command history - `n/N` : next/prev result
- `v` : edit current command line in vim

Working with directories

- No cd required

```
$ /var/www/
```

- auto pushd

```
$ cd /var/log ... ..  
$ cd /var/ww  
$ cd /etc/apache2  
$ dv  
$ ~1
```

Working with directories (2)

- ignore case tab complete

```
$ /home/rharding/flos<tab>  
$ ~/flos
```

- super globbing

```
$ workit hotalert  
$ ls -al qsat**/* G mako L
```

Aliases

- Directory alias
 - more than cd shortcut command, usable from other commands

```
$ alog="/var/log/apache2/"  
$ cd alog  
$ ls alog
```

- Pipe Alias
 - uses -g flag

```
$ workit zsh_samples  
$ alias -g G='|grep'  
$ ls | grep zsh  
$ ls G zsh
```

Alias Examples

- G : grep
- L : less
- H : head
- T : tail
- S : sort
- W : wc -l
- V : vim
- A : ack-grep

Tab Completion is better

```
$ workit workit
```

- Shows all of the possible commands with help text

```
$ git <tab><tab>
```

- Show grouped options

```
$ git show <tab>  
$ ssh <tab>
```

- Provided by completion functions, small easy to do

```
$ __git<tab>
```


Shared History

```
$ ls /home
```

- switch tab

```
$ <enter>
```

```
$ <up-arrow>
```

Workit

- <http://github.com/mitechie/workit>

Assists in quickly working on various src/text projects you might have.

- Provides a postactivate and postdeactivate file
 - perform actions (update vim ctags)
 - set env variables (build paths)
 - start/stop services (mysql/postgres/apache)
 - define shortcuts used i.e. (`qunit`)

Workit Example

```
$ workit tadmin  
$ vi postactivate
```

```
workit zsh_samples  
workit <tab>  
workit pyvim  
workit hotaler
```

Workit Notes

Currently only works in zsh, needs some bash love. Completion scripts

```
compctl -g "`show_workit_projects`" workit
```

ZSH has higher level arrays that bash doesn't. Need to translate.