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

Vim Edit Sample

```
for i in $(seq 1 10); do time wget -t1 -O/dev/null \
'http://www.predictadsml.com/ads/?pid=5152&cs=872&keyword=cash&ref=http%3a%2f%2fwww.exampledomain.com&adult=0&ua=Mozilla%2f5.0+(Windows%3b+U%3b+Windows+NT+5.1%3b+en-US%3b+rv%3a1.9.0.3)+Gecko%2f2008092417+Firefox%2f3.0.3&f=1&subid=1&count=2&ip=184.117.97.95'; \
done 2>&1 | grep real
```

Working with directories

- No cd required

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

- auto pushd

```
$ cd /var/log
$ cd /var/www
$ cd /etc/apache2
$ dv
$ ~1
```

• ignore tab complete

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

• super globbing

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

Aliases

- Directory alias
    - more than an alias for a cd command, usable as parameter to other commands

```
$ alias -g alog="/var/log/apache2/"
$ alog
$ ls alog
```

- Pipe Alias
    - uses -g flag

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

Pipe Aliases

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

Extension Aliases

Opens files with that extension in that application

- uses `-s` flag

```
$ alias -s php=gvim
$ alias -s pdf=xpdf
$ fabfile.py
$ Python_Testing_Beginner's_Guide.pdf
```

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>
```

- Provded by completion functions, small and easy to do

```
$ __git<tab>
```

Shared History

```
$ ls /home
```

- switch to already running 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 hotalert
```

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.