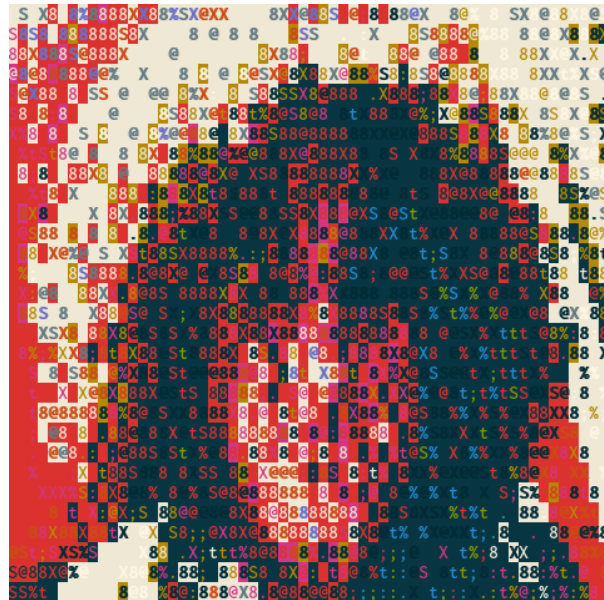


```
19:24 Wed, May 20 — /home/clayton —  
centaurus% — cowsay "Customizing Your Shell with Dotfiles"  
-----  
< Customizing Your Shell with Dotfiles >  
-----  
      \      ^__^  
      (oo)\_____  
      (__)\\       )\\/\  
           ||----w |  
           ||     ||
```

Customizing Your Shell with Dotfiles

FayettePy Meetup | 05.2020 | Clayton Parker

Who Am I?



@claytron on the internets and IRL

My dotfiles

Why?

Make life easier[†], save settings, personalize your shell



Getting
work done



Editing
my
dotfiles

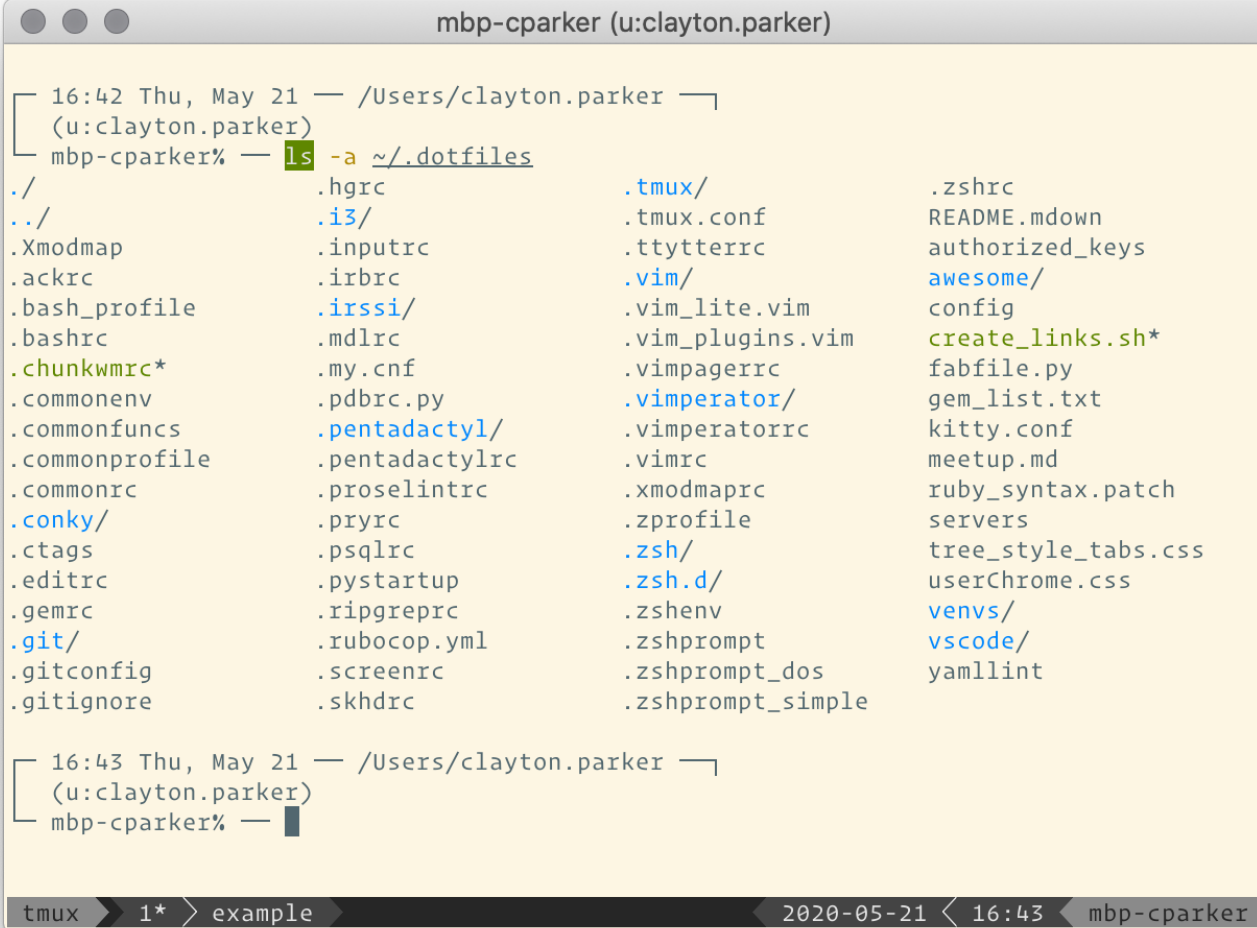
[†]as long as you don't obsess about it too much!

Examples

Vanilla macOS terminal

```
Terminal — -zsh -f — 85x30
Last login: Thu May 21 15:59:10 on ttys034
[mbp-cparker% ls -a ~/.dotfiles
.
..
.Xmodmap
.ackrc
.bash_profile
.bashrc
.chunkwmrc
.commonenv
.commonfuncs
.commonprofile
.commonrc
.conky
.ctags
.editrc
.gemrc
.git
.gitconfig
.gitignore
.hgrc
.i3
.inputrc
.irbrc
.irssi
.mdlrc
.my.cnf
.pdbrc.py
.pentadactyl
.pentadactylrc
.proselintrc
.pryrc
.psqlrc
.pystartup
.ripGREprc
.rubocop.yml
.screenrc
.skhdrc
.tmux
.tmux.conf
.ttytterrc
.vim
.vim_lite.vim
.vim_plugins.vim
.vimpagerrc
.vimperator
.vimperatorrc
.vimrc
.xmodmaprc
.zprofile
.zsh
.zsh.d
.zshenv
.zshprompt
.zshprompt_dos
.zshprompt_simple
.zshrc
README.mdown
authorized_keys
awesome
config
create_links.sh
fabfile.py
gem_list.txt
kitty.conf
meetup.md
ruby_syntax.patch
servers
tree_style_tabs.css
userChrome.css
venvs
vscode
yamllint
mbp-cparker% ]
```

Customized Kitty terminal, running tmux, with customized prompt, theme, fonts and aliases

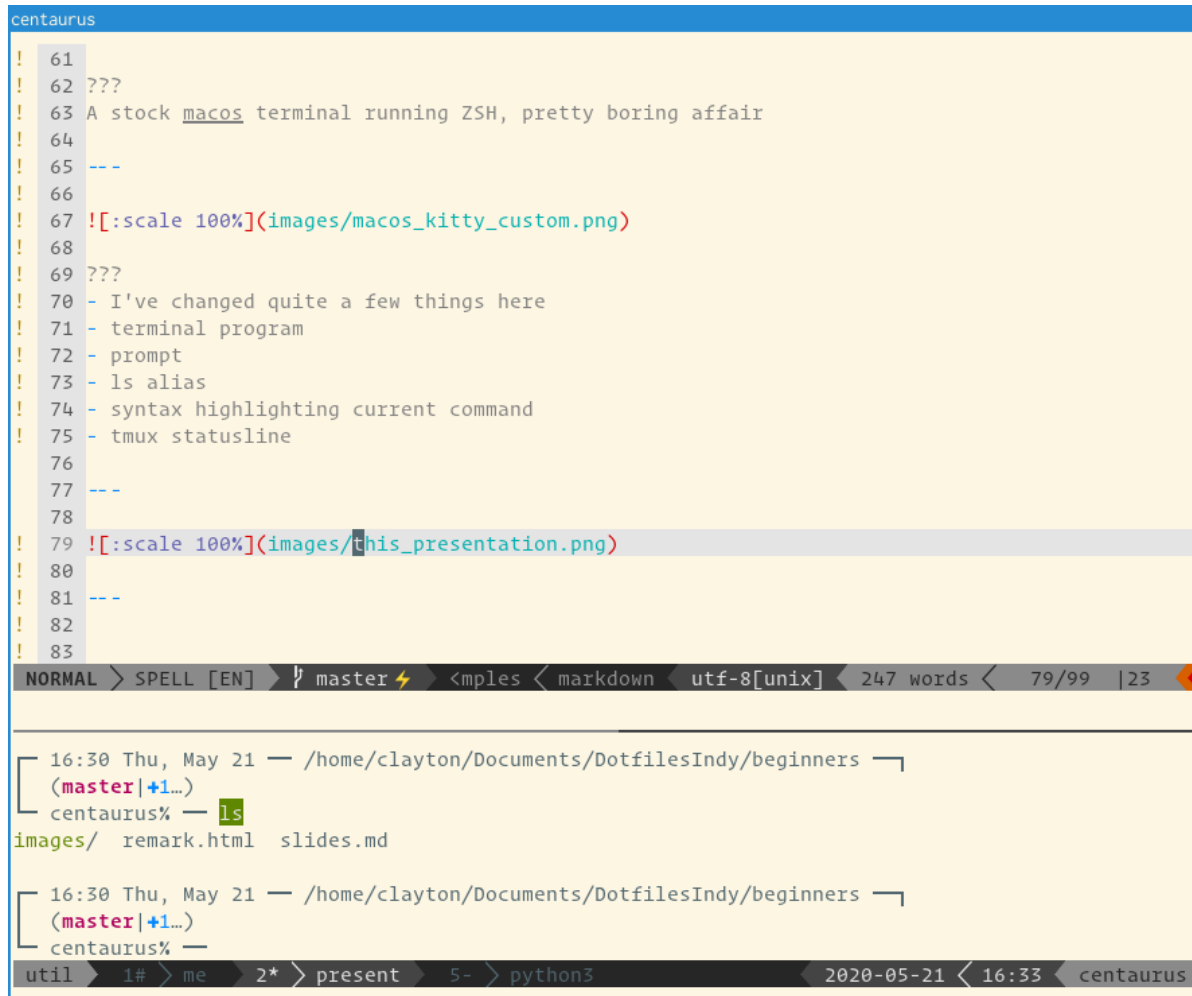


```
mbp-cparker (u:clayton.parker)
16:42 Thu, May 21 — /Users/clayton.parker
(u:clayton.parker)
mbp-cparker% — ls -a ~/.dotfiles
./
../
.Xmodmap
.ackrc
.bash_profile
.bashrc
.chunkwmrc*
.commonenv
.commonfuncs
.commonprofile
.commonrc
.conky/
.ctags
.editrc
.gemrc
.git/
.gitconfig
.gitignore
.hgrc
.i3/
.inputrc
.irbrc
.irssi/
.mdlrc
.my.cnf
.pdbrc.py
.pentadactyl/
.pentadactylrc
.proselintrc
.pryrc
.psqlrc
.pystartup
.ripGREPrC
.rubocop.yml
.screenrc
.skhdrc
.tmux/
.tmux.conf
.ttytterrc
.vim/
.vim_lite.vim
.vim_plugins.vim
.vimPagerrc
.vimperator/
.vimperatorrc
.vimrc
.xmodmaprc
.zprofile
.zsh/
.zsh.d/
.zshenv
.zshprompt
.zshprompt_dos
.zshprompt_simple
.zshrc
README.mdown
authorized_keys
awesome/
config
create_links.sh*
fabfile.py
gem_list.txt
kitty.conf
meetup.md
ruby_syntax.patch
servers
tree_style_tabs.css
userChrome.css
venvs/
vscode/
yamllint

16:43 Thu, May 21 — /Users/clayton.parker
(u:clayton.parker)
mbp-cparker% —
```

tmux 1* > example 2020-05-21 < 16:43 mbp-cparker

Writing this presentation in vim on Linux running i3 window manager



```
centaurus
! 61
! 62 ???
! 63 A stock macos terminal running ZSH, pretty boring affair
! 64
! 65 ---
! 66
! 67 ![:scale 100%](images/macOS_kitty_custom.png)
! 68
! 69 ???
! 70 - I've changed quite a few things here
! 71 - terminal program
! 72 - prompt
! 73 - ls alias
! 74 - syntax highlighting current command
! 75 - tmux statusline
! 76
! 77 ---
! 78
! 79 ![:scale 100%](images/this_presentation.png)
! 80
! 81 ---
! 82
! 83

NORMAL > SPELL [EN] > master ⚡ <mples < markdown < utf-8[unix] < 247 words < 79/99 |23

[ 16:30 Thu, May 21 — /home/clayton/Documents/DotfilesIndy/beginners —
(master|+1...)
centaurus% — ls
images/ remark.html slides.md

[ 16:30 Thu, May 21 — /home/clayton/Documents/DotfilesIndy/beginners —
(master|+1...)
centaurus% —

util 1# > me 2* > present 5- > python3 2020-05-21 < 16:33 centaurus
```

Pick A Shell

Bash (widely available standard),

ZSH (superset of Bash)

Fish (newer generation with more advanced defaults)

Other more esoteric options which might have less community support

Start Configuring

If you do something repetitively, add to your dotfiles

Stock ls with no customization

```
% ls  
images  remark.html  slides.md
```

Manually specify the switches to get more information

```
% ls -alhF
total 24K
drwxr-xr-x 4 clayton clayton 4.0K May 21 16:55 ./
drwxrwxr-x 3 clayton clayton 4.0K May 20 13:47 ../
drwxrwxr-x 8 clayton clayton 4.0K May 21 16:55 .git/
drwxr-xr-x 2 clayton clayton 4.0K May 21 16:46 images/
-rw-rw-r-- 1 clayton clayton 1.5K May 21 14:44 remark.html
-rw-rw-r-- 1 clayton clayton 2.1K May 21 16:55 slides.md
```

Add an alias and load the changes (or restart your terminal)

```
% vim ~/.zshrc  
alias ll="ls -alhF"  
  
% source ~/.zshrc
```

Now you don't need to always specify the switches

```
% ll
total 24K
drwxr-xr-x 4 clayton clayton 4.0K May 21 16:55 ./
drwxrwxr-x 3 clayton clayton 4.0K May 20 13:47 ../
drwxrwxr-x 8 clayton clayton 4.0K May 21 16:55 .git/
drwxr-xr-x 2 clayton clayton 4.0K May 21 16:46 images/
-rw-rw-r-- 1 clayton clayton 1.5K May 21 14:44 remark.html
-rw-rw-r-- 1 clayton clayton 2.1K May 21 16:55 slides.md
```

What Next?

Simple changes are easy, where do we go from here

Config Frameworks

Use community driven tools like [Oh My Zsh](#), [Bash-it](#) or [YADR](#)

Multiple Machines

Solutions for distributing your dotfiles

Minimal solution

Git + bash script

Simplicity and learning all the things, but no advanced features without writing them all

Dotfile manager

Plethora of options including [yadm](#), [dotbot](#) and [rcm](#)

Lots of features and updates but with the potential cost of dependencies,
updating woes and overhead

Not Just Your Shell

REPL, Readline, VCS, Editors, Operating Systems, Tiling Window Managers, etc.

Links

- [My Dotfiles](#)
- [GitHub Dotfiles](#)
- [Awesome Dotfiles](#)
- [yadm and Homeschick Walkthrough](#)

Tons of awesome dotfiles repos on GitHub to find inspiration from, just search for the file you are trying to customize