

You and I and Command Line

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Vice President, Grey Hats UH Manoa

I'm in a serious relationship with my terminal



- Out of necessity
- Took about 2 years
- Don't hate GUI, only dislike
- Use mv and cp instead of Ctl-c/x and Ctl-v
- Enthusiast, not technical

What is it?



- terminal = text input/output environment
- console = physical terminal
- shell = command line interpreter
- Terminal program isn't `ttyl`
- We all use a terminal emulator

Vim text editor



- Vi-improved
- Vi released in 1976, before cursors/mouses
- Vim released 1991
- Vim v7.0 release in 2009
- Better experience with vundle add-on
- 'Ultimate' vimrc by Steve Francia

vim demo

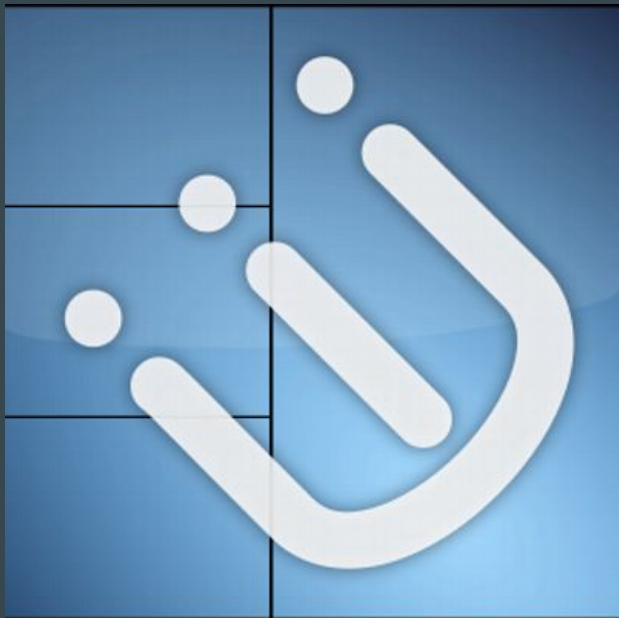
Shells



- Bourne Again Shell
- Tcsh/Csh
- Ksh
- Zsh
- Fish

oh-my-zsh demo

i3 window manager



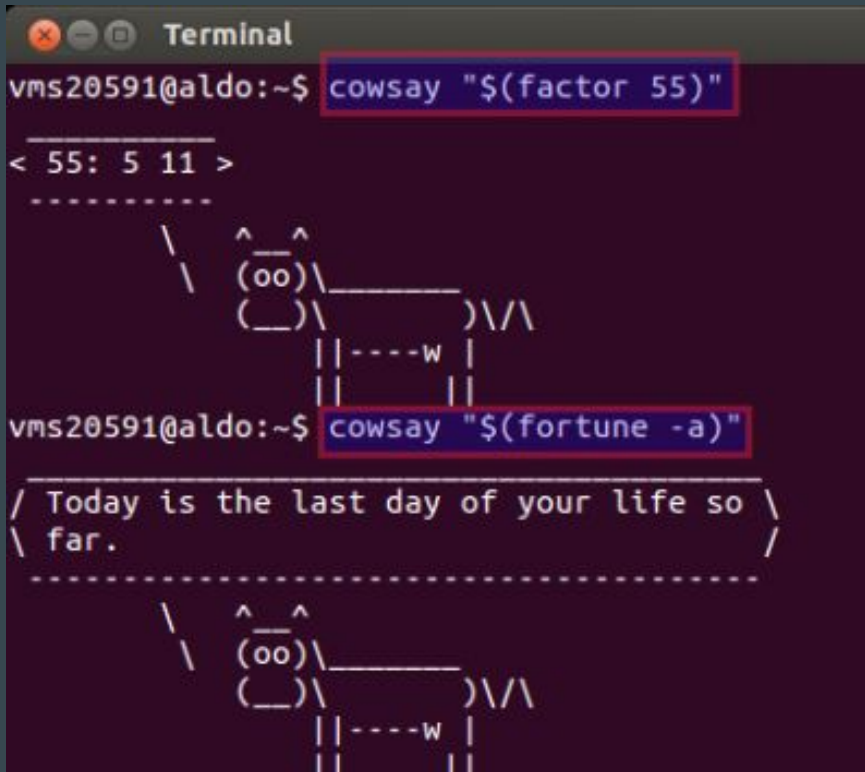
- Desktop environments: GNOME, KDE, LXDE, Unity
- Window managers: i3wm, awesomewm, open/fluxbox

i3wm demo

Where to start?

- ~\$ <dist install> vim
- ~\$ vimtutor
- [codecademy](#)

Conclusions



```
Terminal
vms20591@aldo:~$ cowsay "$(factor 55)"
< 55: 5 11 >
  -----
  \      ^__^
   \      (oo)\_____
      (_____)  )\|/
      ||----w |
      ||     ||

vms20591@aldo:~$ cowsay "$(fortune -a)"
/ Today is the last day of your life so \
\ far.
  -----
  \      ^__^
   \      (oo)\_____
      (_____)  )\|/
      ||----w |
      ||     ||
```

- Not for everyone
- GUI is fine
- You plan to make a living using a computer
- Break up with your mouse
- Invest in a quality keyboard
- Practice typing (duh)

Questions?

Sources

- <https://askubuntu.com/questions/506510/what-is-the-difference-between-terminal-console-shell-and-command-line>
- <http://www.tecmint.com/different-types-of-linux-shells/>
- <https://github.com/VundleVim/Vundle.vim>
- <http://vim.spfl3.com/>
- <https://github.com/robbyrussell/oh-my-zsh>
- <https://github.com/i3/i3>
- <https://www.reddit.com/r/unixporn/>
- <https://www.codecademy.com/learn/learn-the-command-line>
- <https://10fastfingers.com/typing-test/english>