

command the
command line

Ashley Wu | @ashhwu

Mac: Terminal Windows: Git Bash

<https://msysgit.github.io/>



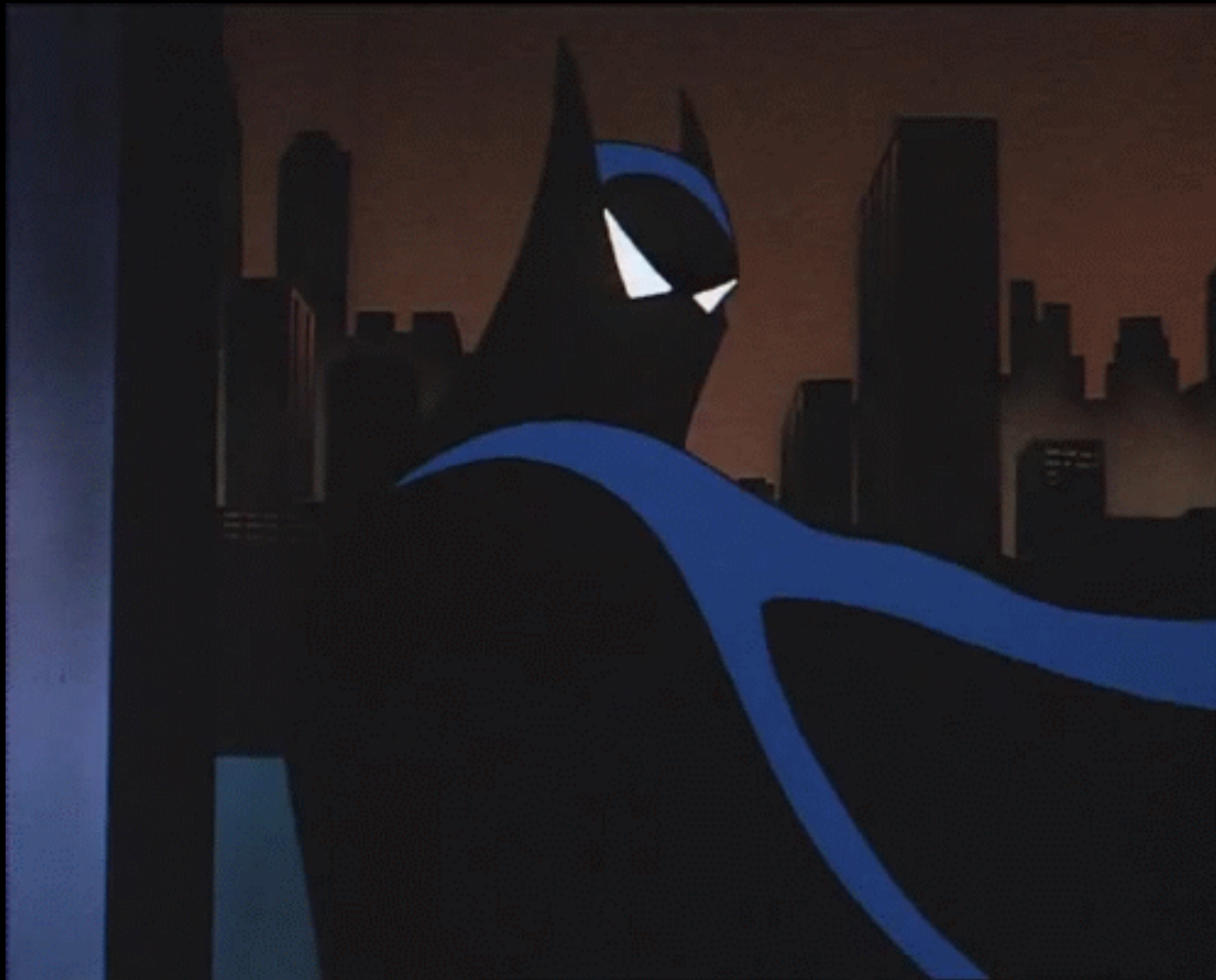
millenniumfalcon

Last login: Tue May 19 01:13:45 on ttys000

Ashleys-MacBook-Pro:~ millenniumfalcon\$

The command line lets
you navigate your
filesystem efficiently.

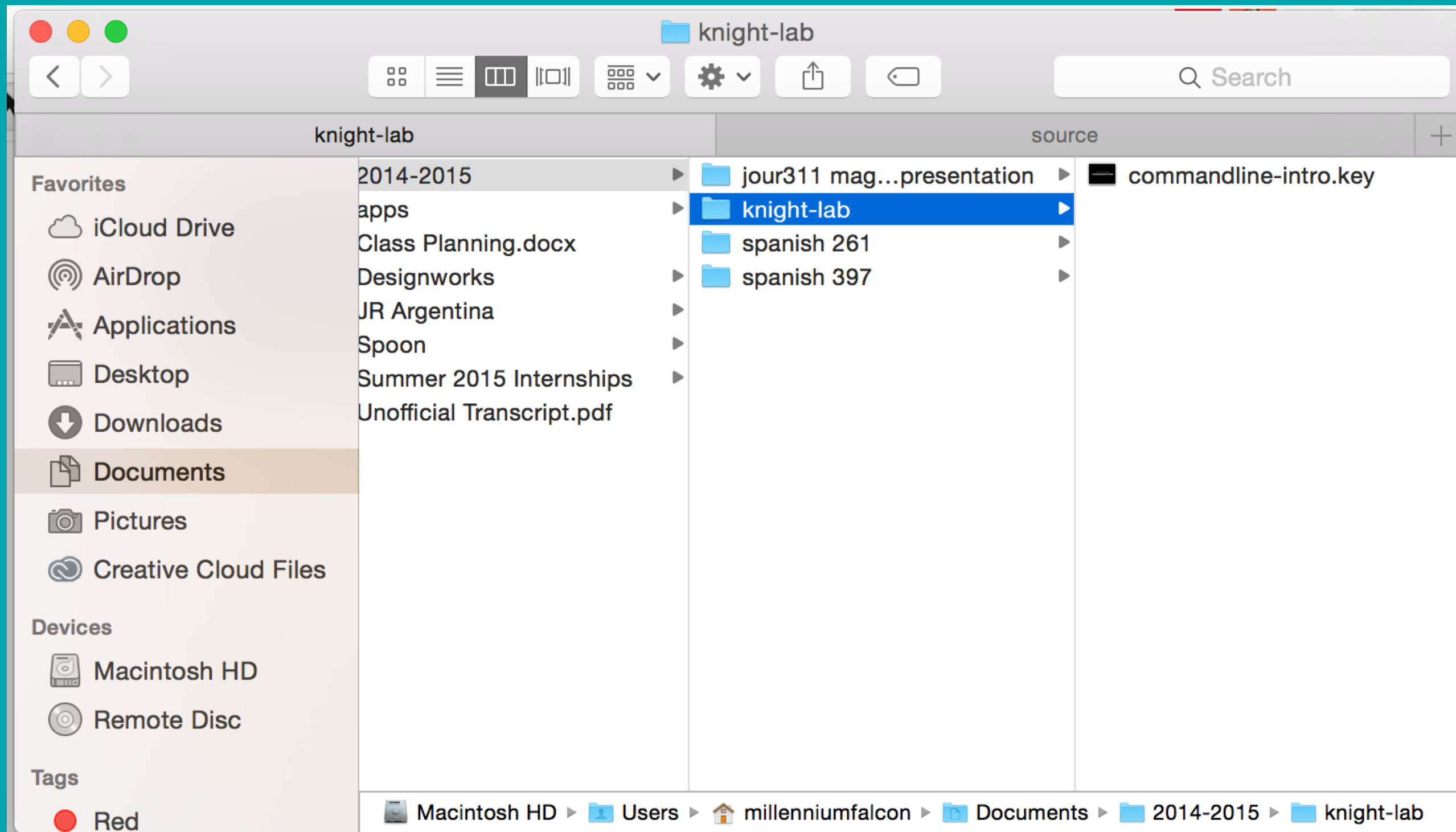
Basically, you can talk to your
computer and tell it what to do.
(and feel like Batman while doing it)



#1:

Everything on your computer
is a folder (directory) or a file.

yes, even your desktop!



#2:

Etiquette matters.
(spelling, grammar, order, spacing)

#3:

Don't be scared!
You're Batman!

Let's get started!



say "something"

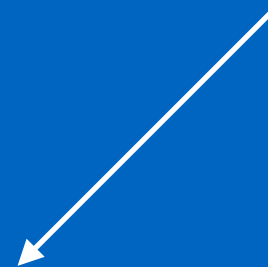
literally makes your computer talk

"Where's Rachel"

command



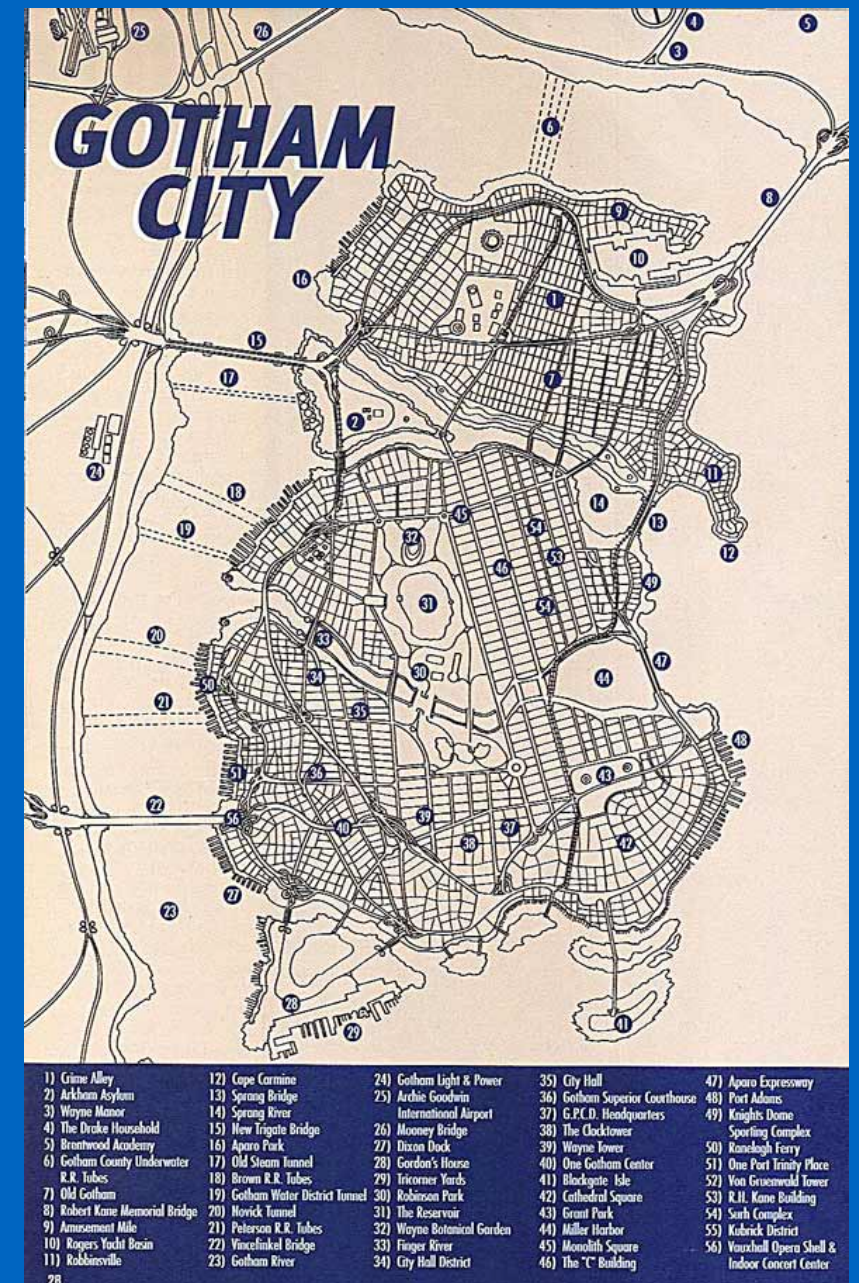
argument



say "something"

literally makes your computer talk

pwd (Print Working Directory)
shows what folder in the
filesystem you're in



open [folder]

opens your finder to the
folder you indicated

open .

opens your finder to the
current working directory

cd [folder] (change directory)
changes your working directory

cd ~

returns to your home directory

cd ..

change to the parent of the
working directory (pwd)

ls (list directory)

shows all your folders and files
in your working directory

ls -l (list directory in long form)

show file size, type, permission, etc

command option (flag)



ls -l (list directory in long form)

show file size, type, permission, etc

man [command]

a command that explains the
“etiquette” of other commands

Try **man ls**

mkdir [name-of-new-directory]

(make directory)

creates a new folder in your filesystem

touch [name-of-file]

creates a new empty file

(you can add an extension to create a particular type of file)

cp [path/to/file] [other/folder]

copies a file to another location

mv [path/to/file] [other/folder]

moves a file to another location

rm [file-name]

removes file from folder

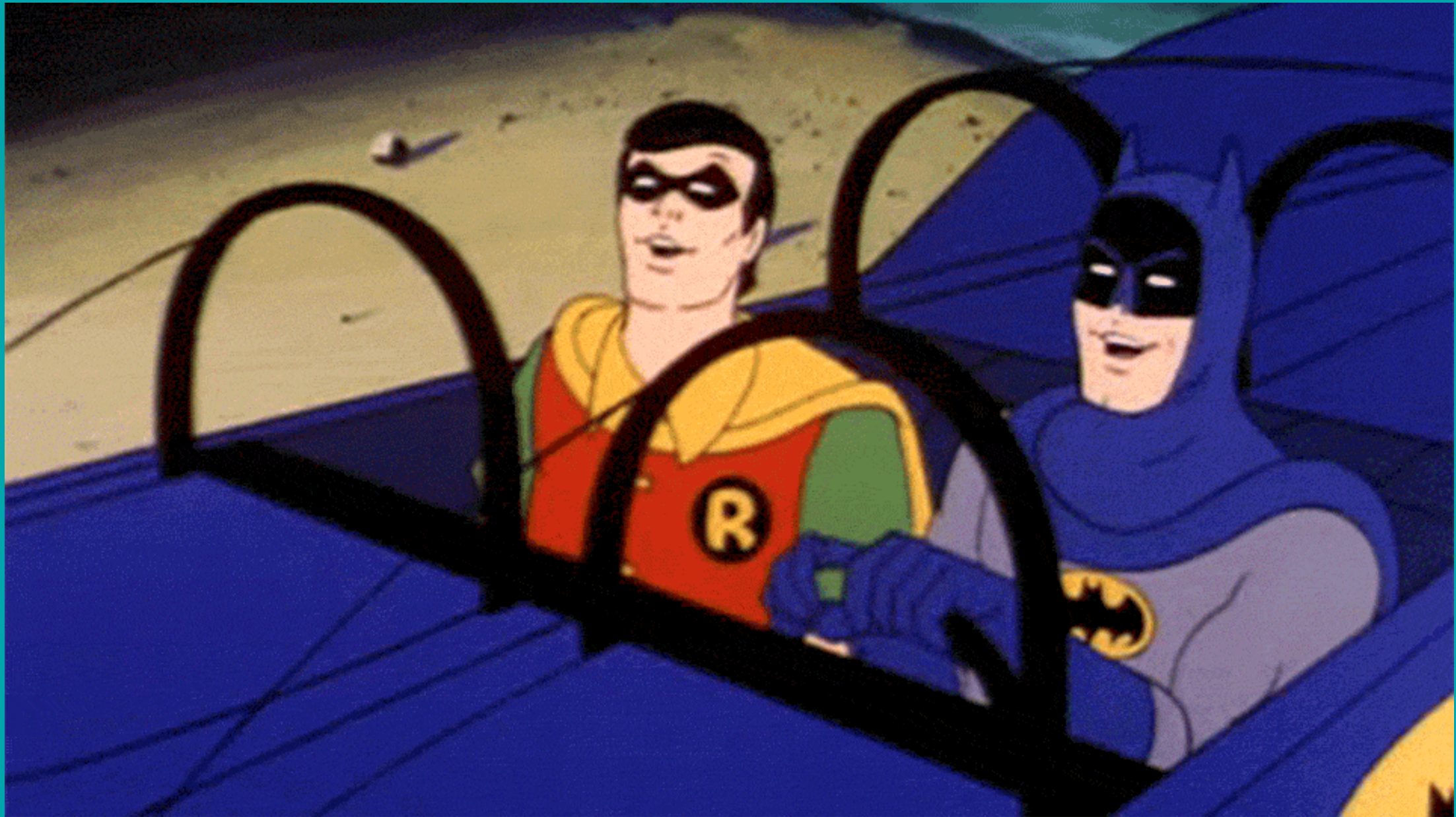
rmmdir [directory-name]

removes an empty directory

rm *

removes all files in a directory
without removing the directory

Review!



Make a folder on your
Desktop called **gotham**.

Create three empty files within your **gotham** folder. Call them **scarecrow.txt**, **joker.txt** and **bane.txt**.

Now you have your city of **gotham**
and some bad guys.

You're Batman, you're Bruce
Wayne, you're a busy guy.
Sometimes, you need a **list**
to remind yourself what
their names are.

Okay, you have **gotham** and
you know your bad guys.

You want to get rid of **all
three bad guys** without
destroying **gotham**, right?

Remove those **bad guy txt** files
without removing **gotham**.

Tips and Tricks



Name all your files
with **lower case**
letters and no spaces.

(github-projects vs GitHub Projects)

Using the **up arrow** will
bring up the previous
command you ran.

(makes you look **even** cooler because it saves time!)

**Tab complete,
tab complete!**



Next step:
git commands + more

What's the point?

Some more resources:

**cli.learncodethehardway.org/book/
learn.knightlab.com (lesson 3)**

@ashhwu
ashleywu2016@u.