

Starting and *Exiting*

vim!

# Starting, Undoing, and Exiting vim

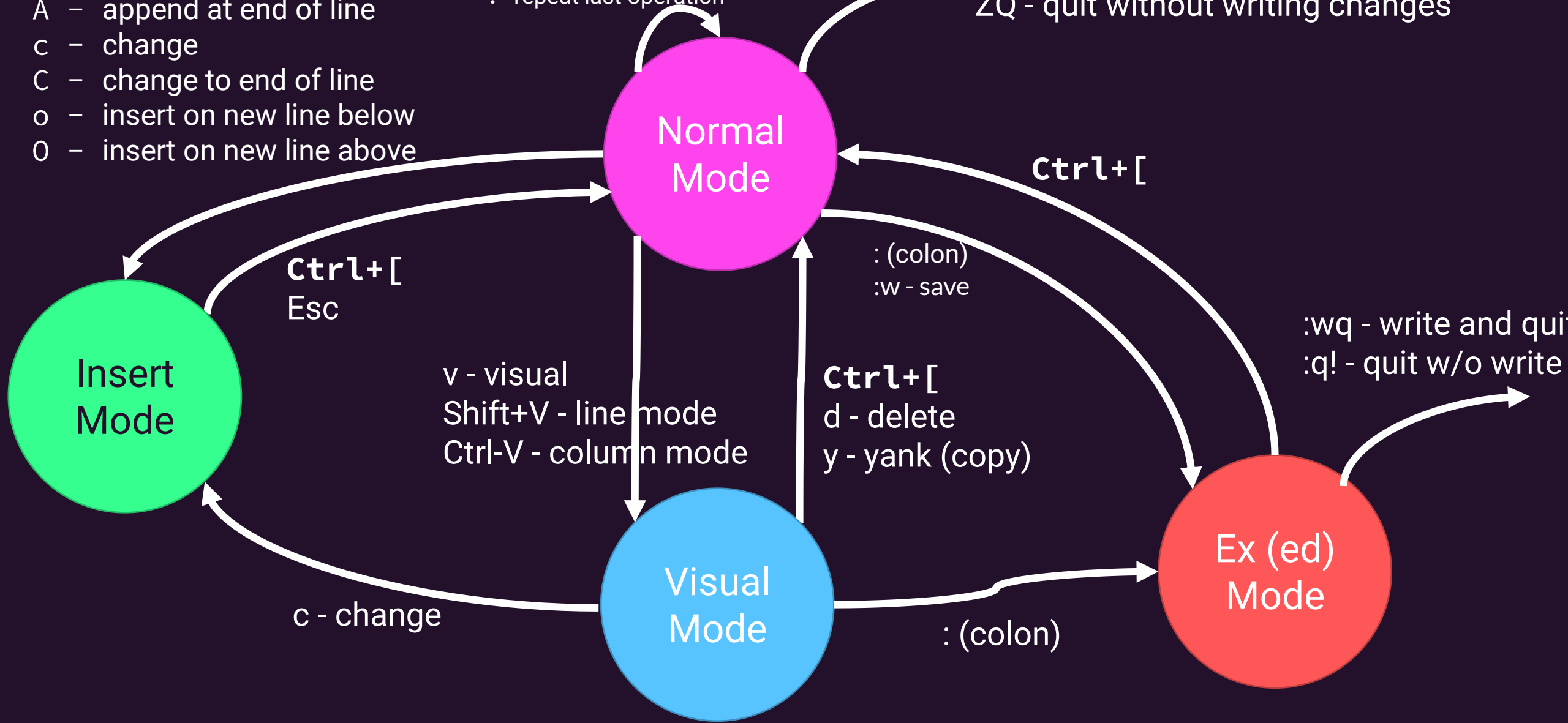
- To begin editing a file:  
`vim [path-to-file]`
- If a file exists at the given path, its contents will be read into vim.
  - If that file does not exist, when you write your changes to disk it is created.
- To UNDO a change you recently made, press the lowercase `u` key.
- When learning vim, you can enter confusing states by accidentally using advanced functionality. That's totally fine! Just slowly back out of vim and restart it.
  - Press `Control + [`
    - If you can't remember that combination, just press your `Escape` key!
  - Give one of two quit commands (capital letters important!)
    - `ZZ` writes (saves only if modifications) and quits
    - `ZQ` quits without writing (does not save changes)
- Try it!
  1. `$ vim hello-vim.md`
  2. Once in vim, first try quitting without saving: `Control + [` followed by `ZZ`

# State Transitions in vim

- i - insert
- I - insert at start of line
- a - append
- A - append at end of line
- c - change
- C - change to end of line
- o - insert on new line below
- O - insert on new line above

- u - undo change
- Ctrl+r - redo
- . - repeat last operation

- ZZ - write and quit (save modifications)
- ZQ - quit without writing changes



Ctrl+[  
Esc

v - visual  
Shift+V - line mode  
Ctrl-V - column mode

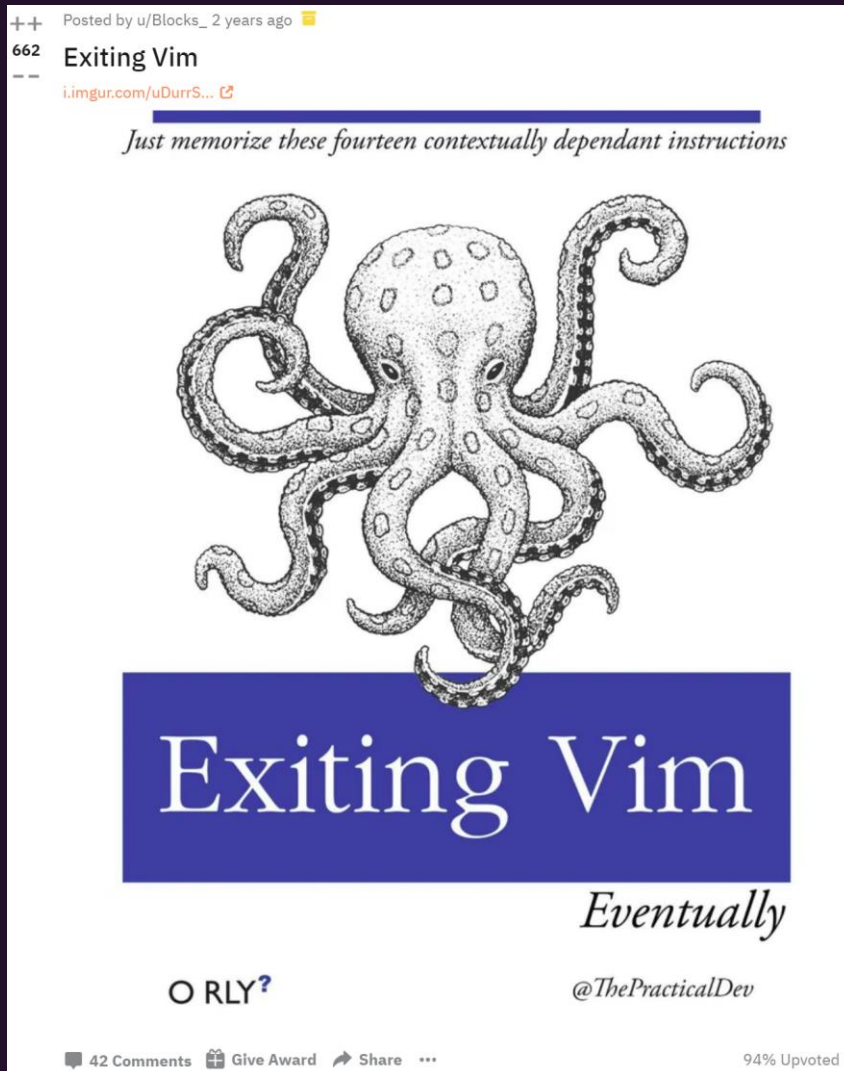
Ctrl+[  
d - delete  
y - yank (copy)

c - change

:(colon)

:wq - write and quit  
:q! - quit w/o write

# Exiting vim is a meme...



Simple methods for exiting vim /s

<https://github.com/hakluke/how-to-exit-vim>

# Try it!

1. `$ vim hello-vim.md`
2. Press **i** to transition into Insert Mode
3. Add the following three lines of text:  
I'm working in the vim text editor!  
In insert mode, I can type normally.  
To return to normal mode, I can press Control+[
4. Then press **Control+[** to return to Normal Mode
5. Then press **ZZ** to Save Your Changes and Exit
6. Reopen your file in vim: `vim hello-vim.md`