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Text editors:

1. Sublime Text

- don't just get it for free, private company (won't evolve like Emacs), only works in a GUI

- easier to get started in than Vim/Emacs, currently THE editor

- Python

2. Atom

- Javascript

3. Vim

- Vimscript (ugh)

4. Emacs

- Elisp (blergh)

All of these are editors that are customizable and programmable.

History lesson:

- Vi vs. Emacs

Vi was developed for Unix by Bell Labs: for programmers by programmers

Before Vi → punch cards, typing by punching holes in cards

Typeliners → like a typewriter, kind of

A very primitive terminal with weird commands and functions, line editors.

Terminals emerged but they were very slow, because modems were slow – characters came out super slow. And they didn't want to enable scrolling, because that meant redrawing the entire screen.

Vi has command mode, line mode, so that's why. It's incredibly barebones, get in get out.

Emacs developed in the 1980s, it's huge and has all these features.

Thus commenced the first holy war. VIM was small and nimble, Emacs was a giant.

Eventually VIM became Emacs, both are bloated today.

In Emacs, every key pressed runs a Lisp command (pressing a runs a command that prints a → INCREDIBLY customizable)