

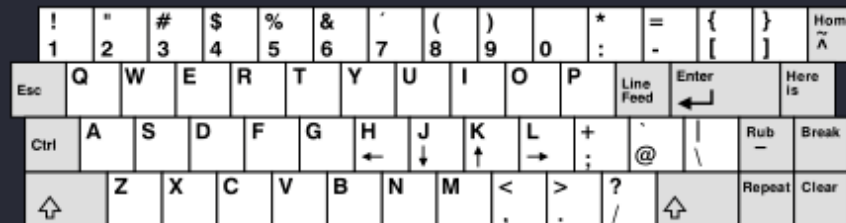
Vim

Vim

Chapter 1: Introduction

History

- Vi (1976): Visual Editor
- **Vim** (1992): VI iMproved
 - Vi + mouse support, syntax highlighting, visual mode...
- Neovim (2015)



Modes

Vim is a *modal* editor

- *normal* mode: to move, edit,...
- *insert* mode: to insert text
- *visual* mode: to select
- *command* mode: to run commands
- *replace* mode: to replace text

Command mode

 run `vim`

- Quit `:q`
- Force quit `!:q`
- Write `:w`
- Write and quit `:wq :x ZZ`

Move

- `h j k l`
- `w` next word - `b` previous word
- `0` start of line - `$` end of line
- `Ctrl-u` scroll up
- `Ctrl-d` scroll down
- `gd` go to definition
- `fx` go forward to next `x`
- `tx` go before next `x`




Editing

- **u** undo - **Ctrl-r** redo
- **.** repeat last command
- **r** replace one character
- **x** delete one character
- **J** join two lines

Combine commands with moves

Create 'sentences' to edit the code

- **d**: nothing
- **dw**: delete to start of next word
- **2dw**: delete two words
- **dd**: delete whole line (doubling: whole line)
- **d|w**: delete inside word
- **d|b**: delete in block (**b**lock)

-  Try: delete to the end of a line
-  Try: delete 2 lines
-  Try: delete all text inside parentheses

Copy and paste

- **d** delete/cut
- **p** paste
- **y** yank/copy

Editing: insert mode

- **i** insert text before (**I** at start of line)
- **a** add text after (**A** at end of line)
- **o** insert line after (**O** before)
- **cw** change **w**ord

Go back to **normal** mode with **ESC**



Try: change text inside parentheses

Visual mode

- **v** enter visual mode
- **V** enter line visual mode
- **Ctrl-v** enter block visual mode

Search and replace

- `/` to search
- `n` next result
- `%s/old/new/g` replace in whole doc



Try: delete all = `...` in the constructor

Macros

- `qa` record macro `a`
- `q` stop recording
- `@a` run macro `a`
- `aa` rerun last macro



Try: delete all `= . . .` in the constructor

Resources

[Cheatsheet](#) [Vim adventures](#) [Vim racer](#) [Vim for React
devs](#)