Marc Fischer                                January 5, 2020

## Reference Sheet for my setup

My shortcuts for all kinds of tools. Not exhaustive and focusing on the things I tend to forget.

### Emacs

Based on my emacs config.

### General Emacs

| | |
|---|---|
| C-h k | Get description for key |
| C-x C-c | close emacs |
| C-x C-= | increase font size |
| C-x C-- | decrease font size |
| C-x C-0 | reset font size |

### Movement

| | |
|---|---|
| C-f | forward char |
| C-b | backward char |
| M-f | forward word |
| M-b | backward word |
| C-n | forward line |
| C-p | backward line |
| M-e | forward sentence |
| M-a | backward sentence |
| C-M-f | forward expression |
| C-M-b | backward expression |
| M-} | forward paragraph |
| M-{ | backward paragraph |
| C-z c | (avy) goto char |
| C-z l | (avy) goto line |

### Deletion

| | |
|---|---|
| C-d | forward char |
| DEL | backward char |
| M-d | forward word |
| M-DEL | backward word |
| C-k | forward line |

### Copy & Paste

| | |
|---|---|
| C-w | cut (kill) region |
| C-M-w | kill region and append to previous kill |
| M-w | copy |
| C-y | paste (yank) |
| M-y | paste, cycle through ring buffer |
| C-r | backward search |

### Ivy & Search

| | |
|---|---|
| M-x | (ivy) M-x |
| C-s | (ivy) text search |
| C-c C-r | (ivy) resume |
| C-c p | (ivy) git |
| C-c g | (ivy) rg |
| C-c C-g | rg (full interface) |
| C-x C-f | (ivy) find-file |

### Spellchecking & Company

| | |
|---|---|
| <f12> | correct word at point |
| <f8> | switch dictionary |
| M-$n$ | select the $n$-th suggestion in company mode |

### Marking, Comments, Moving

| | |
|---|---|
| C-space | set mark |
| C-x C-x | exchange point & mark |
| C-x h | select all (buffer) |
| C-@, C-= | expand region |
| M-@ | add word to selection |
| C-u M-@ | remove word from selection |
| M-h | add word to region |
| C-S-<up> | move selected text block up |
| C-S-<down> | move selected text block down |
| M-; | comment-region |
| C-M-; | uncomment-region |

### Undo

| | |
|---|---|
| C-/, C-_ | undo |
| C-x u | undo tree |
| q | close undo tree |
| s | select mode |

### Window movement

| | |
|---|---|
| C-x 0 | delete window |
| C-x 1 | maximize (delete other windows) |
| C-x 2 | split window horizontally |
| C-x 3 | split window vertically |
| C-x ^ | increase window height |
| C-x { | shrink window |
| C-x } | widen window |
| C-x o | switch to other Window |
| C-c <up> | move to upper window |
| C-c <down> | move to window below |
| C-c <left> | move to left window |
| C-c <right> | move to right window |
| M-o, <f9> | start ace |
| x | (ace) delete window |
| c | (ace) swap |
| n | (ace) flip window |
| v | (ace) split vertically |
| h | (ace) split horizontally |
| m, g | (ace) maximize (delete others) |
| b | (ace) balance windows |
| w h | (ace) shrink horizontally |
| w j | (ace) shrink vertically |
| w k | (ace) enlarge vertically |
| w l | (ace) enlarge horizontally |
| \ f | (ace) new frame |
| \ x | (ace) delete frame |
| o n | (ace) scroll other |
| o p | (ace) scroll other down |

### Auctex

| | |
|---|---|
| C-c C-m, C-c RET | insert macro |
| C-c C-f C-e | emph |
| C-c C-f C-b | textbf |
| C-c C-f C-c | textsc |
| C-c C-f C-i | textit |
| C-c C-f C-t | texttt |
| C-c C-f ? | list formatting options |
| C-c C-s | create section |
| C-c C-e | create environment |
| C-c . | mark current environment |
| C-c * | mark current section |
| C-c ] | close current environment |
| C-M-a | environment beginning |
| C-M-e | environment end |
| C-c C-c | compile |
| C-c C-v | view document |
| C-c ( | add label |
| C-c [ | add citation (from bib) |
| C-c = | jump to section |

### Amethyst on Mac

| | |
|---|---|
| ⌥-⌘-**space** | cycle layout forward |
| ⌥-⇧-⌘-**space** | cycle layout backwards |
| ⌥-⌘-↵ | swap focused window with main |
| ⌥-⌘-**H** | shrink main pane |
| ⌥-⌘-**L** | expand main pane |
| ⌥-⌘-**,** | increase main pane count |
| ⌥-⌘-**.** | decrease main pane count |
| ⌥-⌘-**J** | move focus counter clockwise |
| ⌥-⌘-**K** | move focus clockwise |
| ⌥-⌘-**M** | move focus to main |
| ⌥-⌘-**P** | move focus to counter clockwise screen |
| ⌥-⌘-**N** | move focus to clockwise screen |
| ⌥-⇧-⌘-**H** | swap focused window to counter clockwise screen |
| ⌥-⇧-⌘-**L** | swap focused window to clockwise screen |
| ⌥-⇧-⌘-**J** | swap focused window counter clockwise |
| ⌥-⇧-⌘-**K** | swap focused window clockwise |
| ⌥-⌘-**Z** | force windows to be reevaluated |
| ⌥-⇧-⌘-← | throw focused window to space left |
| ⌥-⇧-⌘-→ | throw focused window to space right |
| ⌥-⇧-⌘-**n** | throw focused window to space n, $n \in \{0, \ldots, 9\}$ |
| ⌥-⌘-**W** | focus screen 1 |
| ⌥-⇧-⌘-**W** | throw focused window to screen 1 |
| ⌥-⌘-**E** | focus screen 2 |
| ⌥-⇧-⌘-**E** | throw focused window to screen 2 |
| ⌥-⌘-**R** | focus screen 3 |
| ⌥-⇧-⌘-**R** | throw focused window to screen 3 |
| ⌥-⌘-**Q** | focus screen 4 |
| ⌥-⇧-⌘-**Q** | throw focused window to screen 4 |
| ⌥-⌘-**T** | toggle float for focused window |
| ⌥-⌘-**I** | display current layout |
| ⌥-⌘-**A** | select tall layout |
| ⌥-⌘-**D** | select fullscreen layout |
| ⌥-⌘-**F** | select floating layout |

## Terminal

See Copy & Paste section.

| | |
|---|---|
| `C-j` | search at current history entry |

## Tmux

| | |
|---|---|
| `C-b s` | list sessions |
| `C-b $` | name session |
| `C-b c` | create window |
| `C-b w` | list windows |
| `C-b n` | next window |
| `C-b p` | previous window |
| `C-b f` | find window |
| `C-b ,` | name window |
| `C-b &` | kill window |
| `C-b %` | vertical split |
| `C-b \` | horizontal split |
| `C-b x` | kill pane |
| `C-b d` | detach |