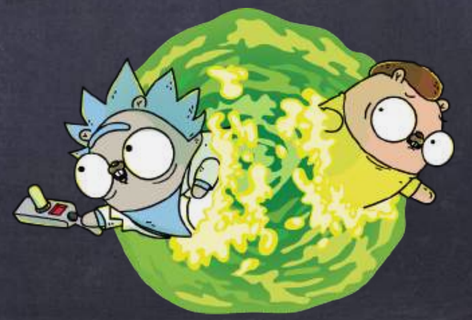
优雅的编程者 v2

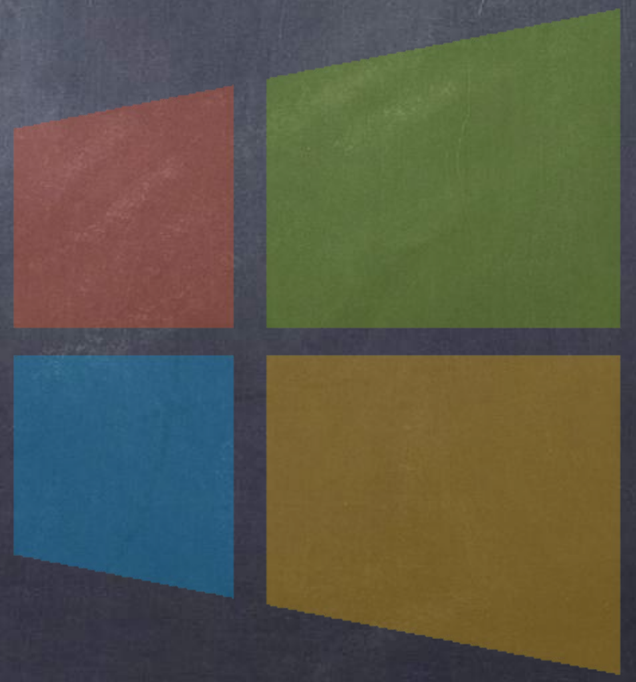
between a and c

- xiaorui.cc



先从xx windows开始...

- mac
- ubuntu
- manjaro (arch linux)



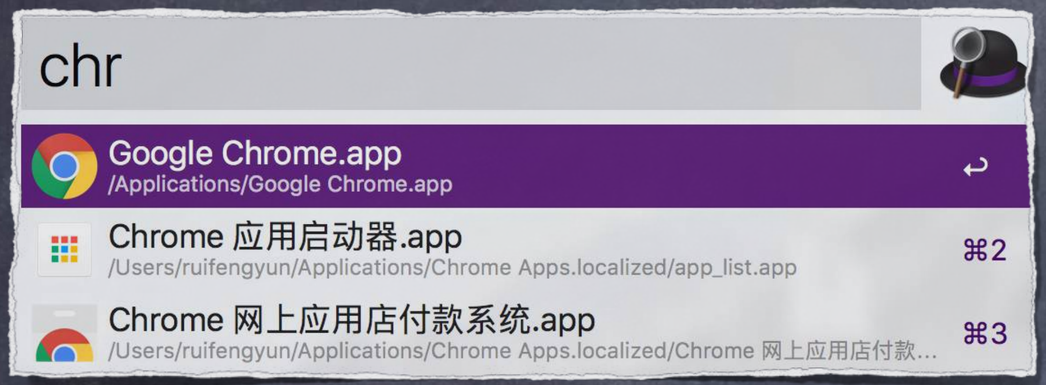
menu

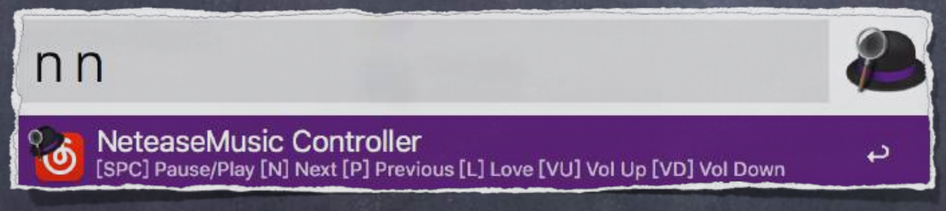
- 我们的目标
  - 高效编程
  - 好看绚丽
  - 保护肾腰
- 应用篇
- 终端篇
- 设备篇
- 终极篇

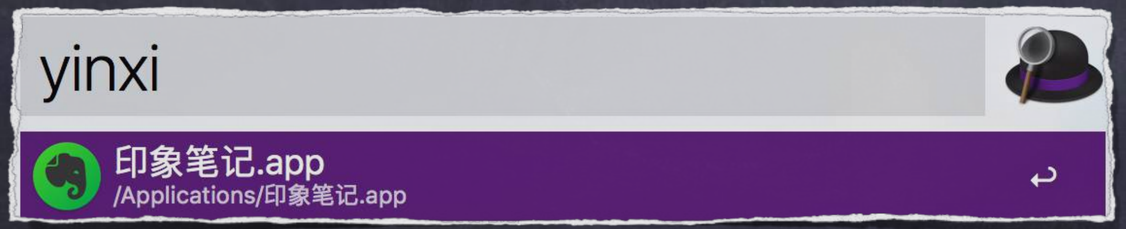
应用篇

- chrome
- alfred 快捷管理
- 印象笔记
- hyperSwith 任务切换
- iterm2 终端
- vscode 通用编辑器
- neovim 定制编辑器
- sketch 画图
- mindnode 思维导图
- dash 文档
- magnet 分屏
- karabiner 键位映射
- clashx 你懂的

alfred

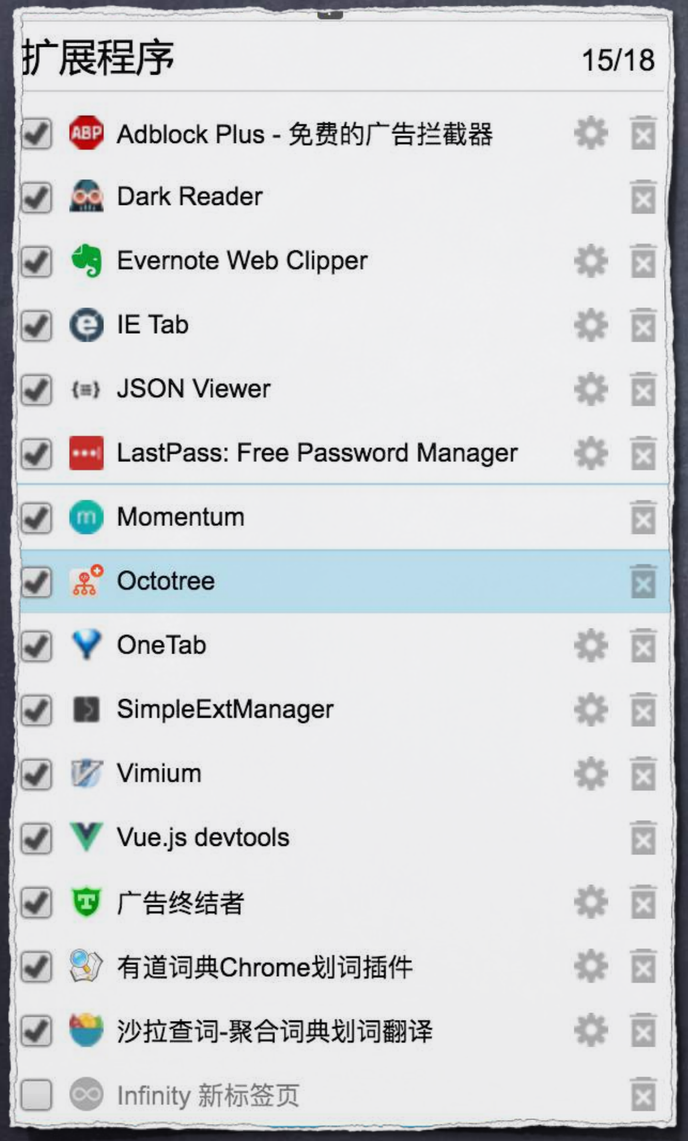


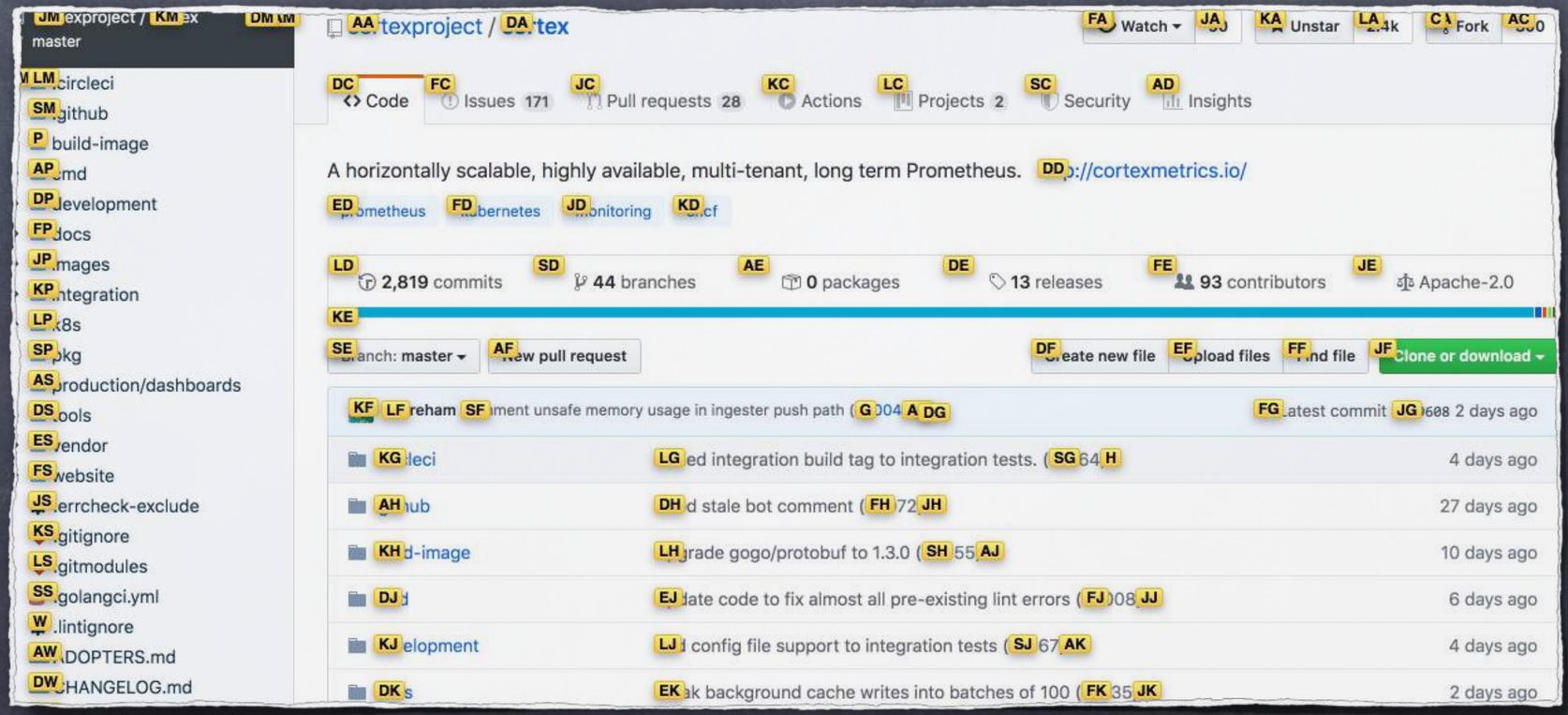




- 自定义workflow
- 拉起进程
- 切换进程
- 各种搜索
- ...

chrome



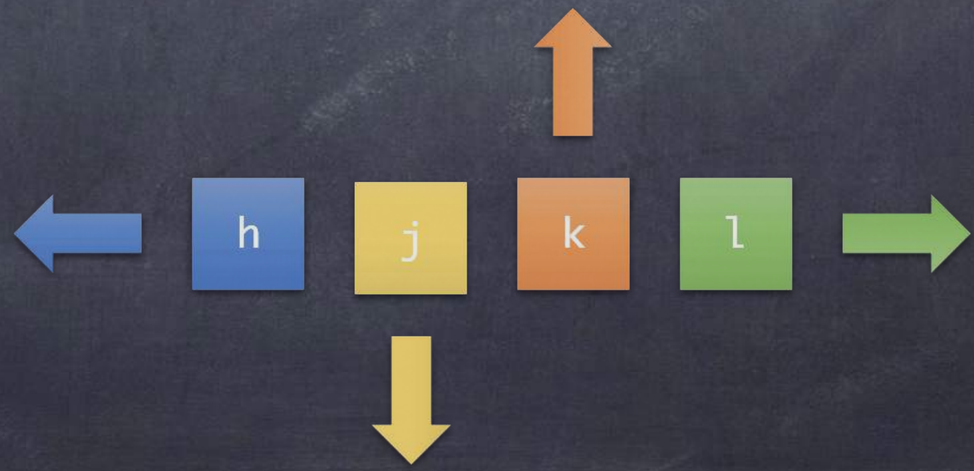


vimium && Octotree

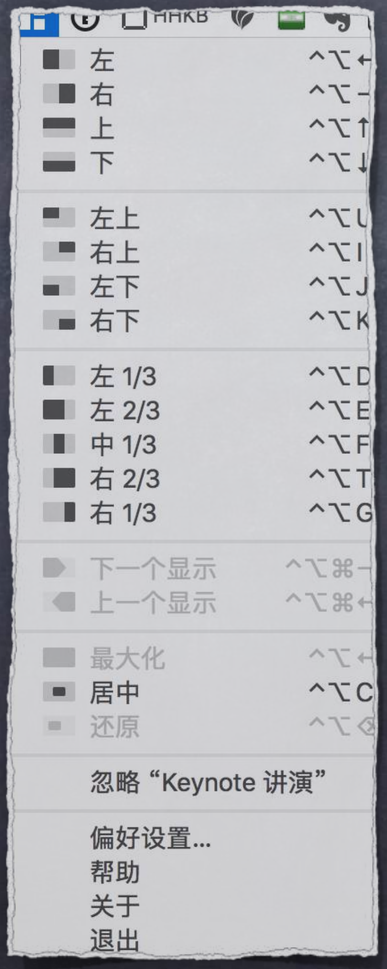
karabiner

- 把caps_lock改成control键位
  - caps_lock属于"非"常用键
  - 左下角control引起小拇指
  - 改其他组合键为caps_lock

- 为什么要改方向键 !!!
  - 方向键通常在右下角，所以每次都要抬手移过去...
- 上下左右 = control + kjhl
- 同理改 pageup/pagedown



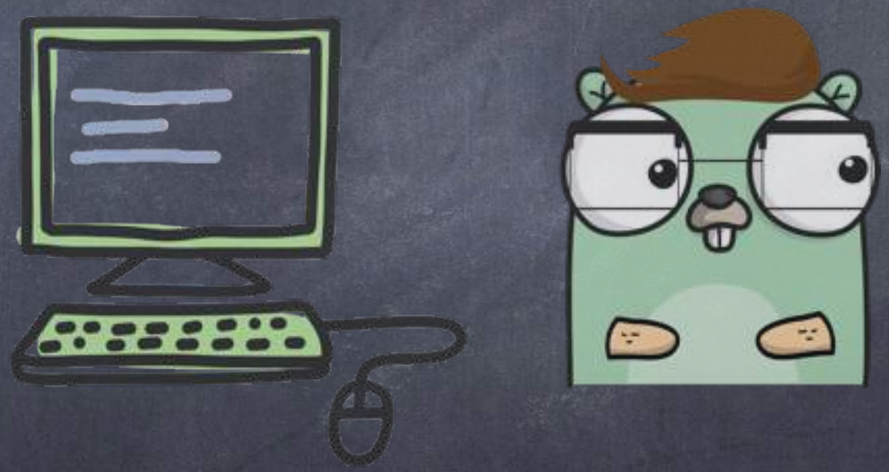
高效窗口管理



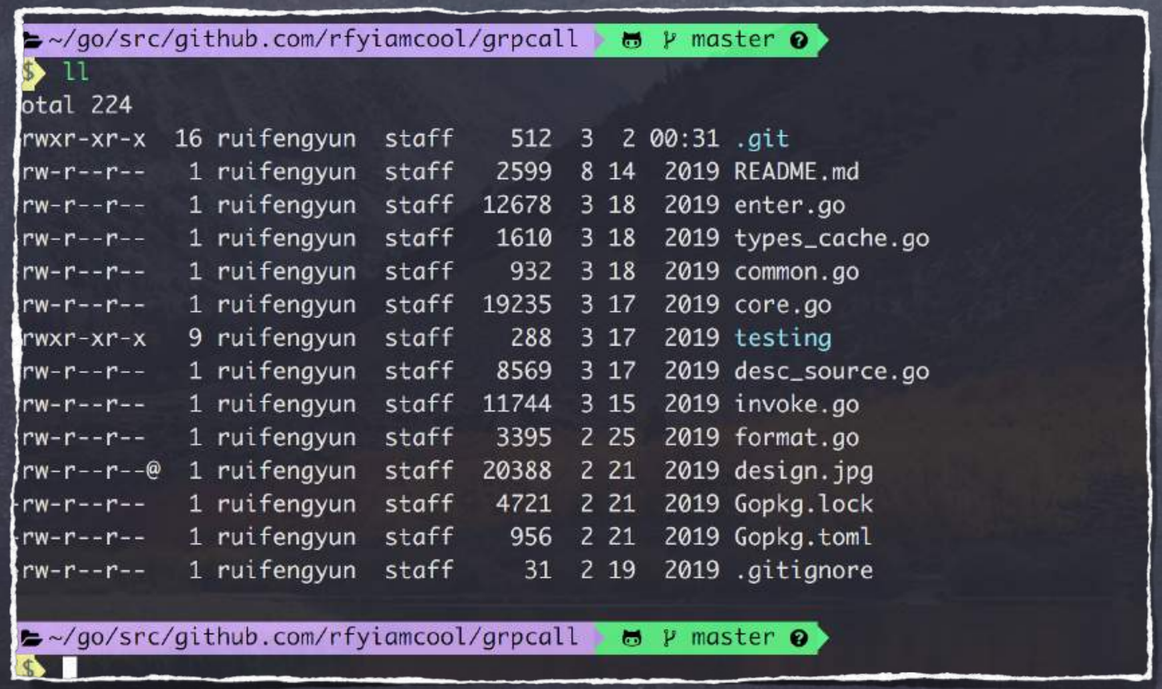
这类工具很多...

终端篇

- iterm2
- zsh
- tmux
- 好用的命令
  - fzf & ag & fd
- vim
- 快捷键

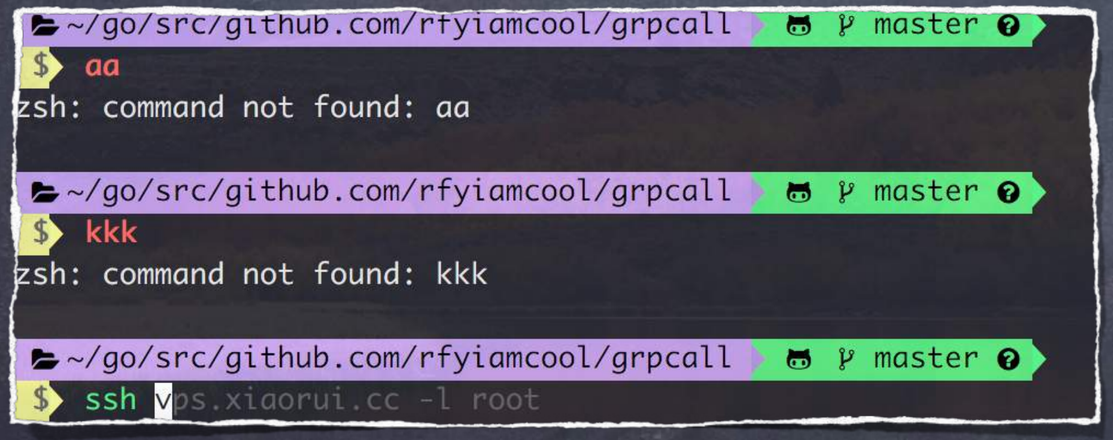


iterm2



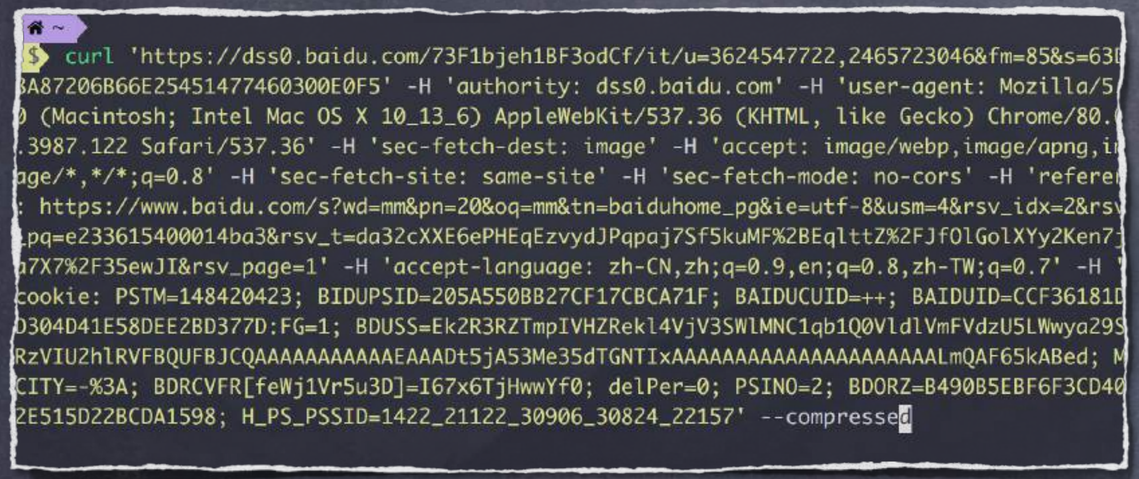
- iterm2
  - font
    - nerd-fonts
  - theme
    - dracula (current theme)
    - molokai
    - solarized dark || light

iterm2 (zsh + theme)



- theme
  - powerlevel9k
  - powerlevel10k (async)
  - pure (async)
  - spaceship
- plugin
  - git & vi-mode
  - autojump
  - zsh-syntax-highlighting
  - zsh-autosuggestions

zsh plugin vi-mode


~
$ curl 'https://dss0.baidu.com/73F1bjeh1BF3odCf/it/u=3624547722,2465723046&fm=85&s=63
8A87206B66E25451477460300E0F5' -H 'authority: dss0.baidu.com' -H 'user-agent: Mozilla/5
0 (Macintosh; Intel Mac OS X 10_13_6) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/80.
.3987.122 Safari/537.36' -H 'sec-fetch-dest: image' -H 'accept: image/webp,image/apng,i
age/*,*/*;q=0.8' -H 'sec-fetch-site: same-site' -H 'sec-fetch-mode: no-cors' -H 'refere
: https://www.baidu.com/s?wd=mm&pn=20&oq=mm&tn=baiduhome_pg&ie=utf-8&usm=4&rsv_idx=2&rs
.pq=e233615400014ba3&rsv_t=da32cXXE6ePHEqEzvydJPqpaj7Sf5kuMF%2BEqlttZ%2FJfOlGolXYy2Ken7
a7X7%2F35ewJI&rsv_page=1' -H 'accept-language: zh-CN,zh;q=0.9,en;q=0.8,zh-TW;q=0.7' -H
cookie: PSTM=148420423; BIDUPSID=205A550BB27CF17CBCA71F; BAIDUCUID=++; BAIDUID=CCF36181
D304D41E58DEE2BD377D:FG=1; BDUSS=Ek2R3RZTmpIVHZRekl4VjV3SWlMNC1qb1Q0VldlVmFVdzU5LWwya29S
RzVIU2hlRVFBQUFBJCQAAAAAAAAAAAEAAADt5jA53Me35dTGNTIxAAAAAAAAAAA

fzf

智能历史记录查询

command + r

更快可模糊的文件搜索

option + c

fzf

路径使用 ** 可模糊查询

```
~/go/src/github.com
$ vim rfyiamcool/**
>
  8362/8362
> rfyiamcool
  rfyiamcool/backoff
  rfyiamcool/backoff/backoff_test.go
  rfyiamcool/backoff/backoff.go
  rfyiamcool/backoff/README.md
  rfyiamcool/grpcall
  rfyiamcool/grpcall/Gopkg.toml
  rfyiamcool/grpcall/design.jpg
  rfyiamcool/grpcall/format.go
```

fzf 用法多种多样

```
~/go/src/github.com
$ kill                    tab
> chrome
  47/318
>   501   482     1   0 五03下午 ??         77:24.98 /Applications/Google Chrome.app/Contents/
    501   542   482   0 五03下午 ??         11:12.63 /Applications/Google Chrome.app/Contents/
    501  2270   482   0 五03下午 ??          2:26.89 /Applications/Google Chrome.app/Contents/
    501   531     1   0 五03下午 ??          0:00.17 /Applications/Google Chrome.app/Contents/
    501 25704   482   0 六08下午 ??          1:17.38 /Applications/Google Chrome.app/Contents/
    501 19252   482   0  9:54下午 ??          1:13.87 /Applications/Google Chrome.app/Contents
    501 20102   482   0 10:34下午 ??          0:00.95 /Applications/Google Chrome.app/Contents
    501 22778   482   0 11:05下午 ??          0:08.65 /Applications/Google Chrome.app/Contents
```

ripgrep vs ag

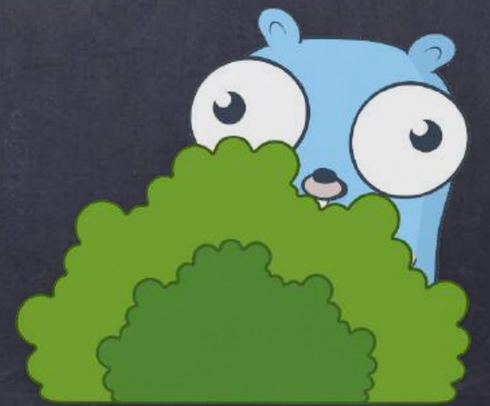
```
~/go/src/github.com
$ time rg .vimrc|wc -l
      15
rg .vimrc  4.68s user 9.37s system 129% cpu 10.833 total
wc -l  0.00s user 0.00s system 0% cpu 10.832 total

~/go/src/github.com
$ time ag .vimrc|wc -l
      15
ag .vimrc  2.97s user 8.57s system 130% cpu 8.867 total
wc -l  0.00s user 0.00s system 0% cpu 8.866 total
```

```
~/go/src/github.com
$ time rg -n -w '[A-Z]+_SUSPEND'|wc -l
     133
rg -n -w '[A-Z]+_SUSPEND'  4.55s user 7.88s system 145% cpu 8.518 total
wc -l  0.00s user 0.00s system 0% cpu 8.517 total

~/go/src/github.com
$ time ag -w '[A-Z]+_SUSPEND'|wc -l
     133
ag -w '[A-Z]+_SUSPEND'  3.93s user 6.70s system 161% cpu 6.568 total
wc -l  0.00s user 0.00s system 0% cpu 6.567 total
```

- 多数场景下
- ag > ripgrep > gnu grep



fd

```
~/go/src/github.com/rfyiamcool/grpcall  master
$ fd 'en..r'
enter.go

~/go/src/github.com/rfyiamcool/grpcall  master
$ fd -e md
README.md

~/go/src/github.com/rfyiamcool/grpcall  master
$ fd -HI 'ser.*go$'
testing/dynamic_register/server.go
testing/test_server.go

~/go/src/github.com/rfyiamcool/grpcall  master
$ fd -t f -x wc -l
      46 Gopkg.toml
      35 design.jpg
     124 format.go
     289 desc_source.go
```

- 相比 find
  - 更快
  - 更优雅
  - 并发管道

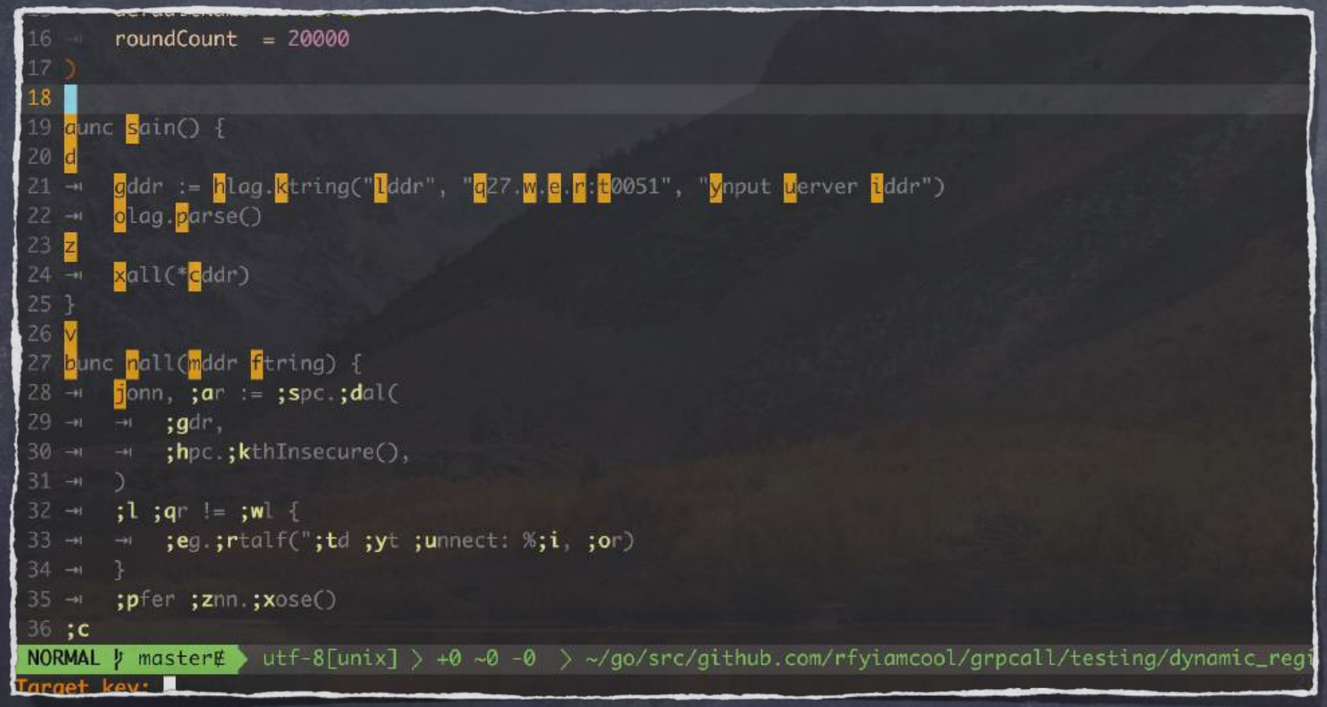
vim

vim-plug

```
" 美化主题
Plug 'Yggdroot/indentLine'                  " 美化代码缩进
Plug 'morhetz/gruvbox'                      " colorscheme: gruvbox
Plug 'junegunn/seoul256.vim'                " colorscheme: seoul256
Plug 'w0ng/vim-hybrid'                      " colorscheme: hybrid
Plug 'joshdick/onedark.vim'                 " colorschema: onedark
Plug 'srcery-colors/srcery-vim'             " colorschema: srcery
Plug 'rakr/vim-one'                         " colorscheme: one
" Plug 'altercation/vim-colors-solarized'   " 需要手动安装
Plug 'jaxbot/semantic-highlight.vim'        " ,h => 根据语义来代码高亮
Plug 'bling/vim-airline'                    " 状态栏
Plug 'vim-airline/vim-airline-themes'       " 同上
```

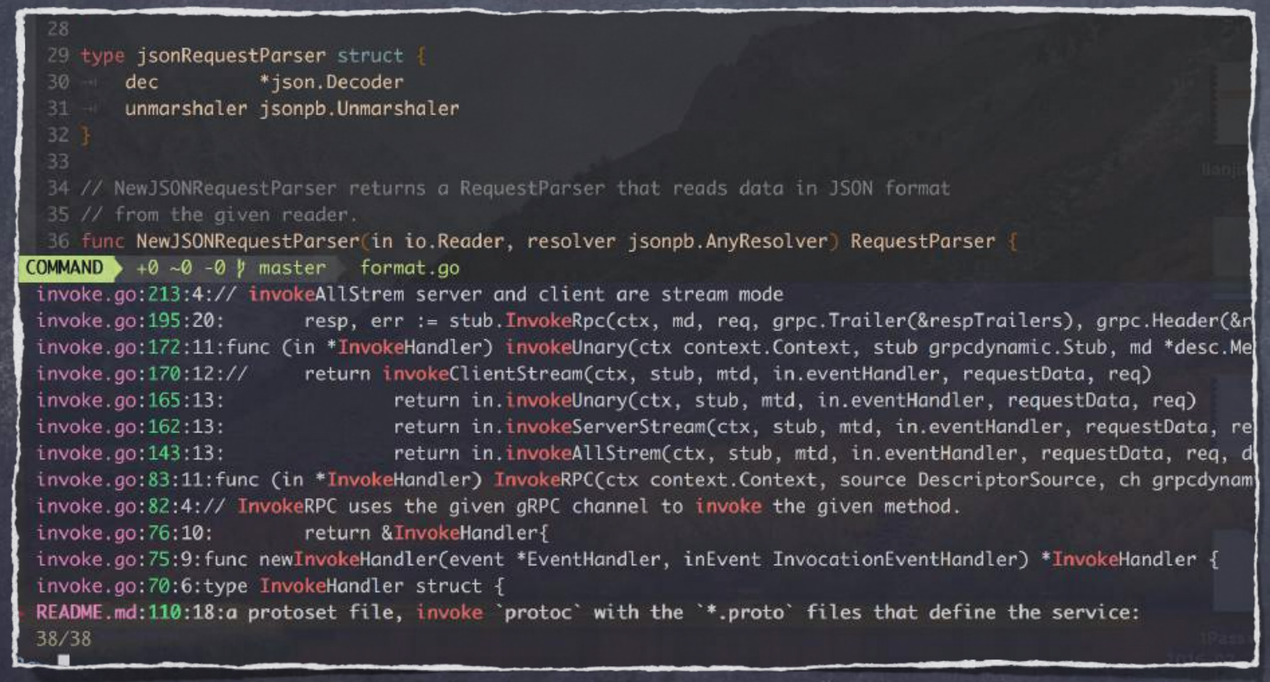
```
Plug 'terryma/vim-expand-region'                " + 扩大选择, - 减少选择
Plug 'ntpeters/vim-better-whitespace'           " 空白
Plug 'fullybaked/toggle-numbers.vim'            " 行号
Plug 'airblade/vim-gitgutter'                   " git状态
Plug 'lfv89/vim-interestingwords'               " ,k ,K => 高亮操作的字符串
Plug 'elzr/vim-json'                            " json格式化
Plug 'ervandew/supertab'                        " 补全
Plug 'tpope/vim-surround'                       " 高效操作配对符号
Plug 'tpope/vim-repeat'                         " . => 重复surround操作
Plug 'jszakmeister/vim-togglecursor'
Plug 'junegunn/fzf', { 'dir': '~/.fzf', 'do': './install --all' }
Plug 'junegunn/fzf.vim'                         " 搜索
Plug 'mhinz/vim-startify'                       " vim启动菜单
Plug 'majutsushi/tagbar'                        " ,t => 列出tag
Plug 'tpope/vim-fugitive'                       " git命令
Plug 'junegunn/gv.vim'                          " git https://github.com/junegunn/gv.vim git commit br
Plug 'Xuyuanp/nerdtree-git-plugin'              " 导航目录中看到 git 版本信息
Plug 'godlygeek/tabular'                        " 文本对齐, 选定文本 :Tab/符号
Plug 'jiangmiao/auto-pairs'                     " 自动匹配对称标记
Plug 'kien/rainbow_parentheses.vim'             " 彩色括号
Plug 'honza/vim-snippets'                       " 代码模板
Plug 'SirVer/ultisnips'                         " 代码模板
Plug 'vim-syntastic/syntastic'                  " 语法检测
Plug 'scrooloose/nerdtree'                      " ,v => 目录树
Plug 'jistr/vim-nerdtree-tabs'                  " 目录树
Plug 'ctrlpvim/ctrlp.vim'                       " 类似vscode command + p
Plug 'tpope/vim-dispatch'                       " 异步编译及testing
Plug 'easymotion/vim-easymotion'                " 快速移动插件, ',,w'可以在单词上出现前缀, 然后快速跳转
Plug 'haya14busa/incsearch.vim'                 " 支持regex的匹配查询
Plug 'scrooloose/nerdcommenter'                 " 快速注释
Plug 'haya14busa/incsearch-fuzzy.vim'           " 同上
Plug 'Valloric/YouCompleteMe'
Plug 'dgryski/vim-godef'                        " for golang
Plug 'fatih/vim-go', { 'do': ':GoInstallBinarie    s' }
Plug 'zchee/deoplete-jedi'                      " for python
```

easy-motion



- 精确跳转
  - <leader><leader>s
  - <leader><leader>b
  - <leader><leader>w

fzf.vim



- 命令模式下
  - Files:
  - GFiles:
  - Rg: (ripgrep)
  - Ag:
  - History:
  - ...

other vim

- scrooloose/nerdcommenter
  - 快速注释
- haya14busa/incsearch.vim
  - 支持正则的匹配 / 搜索
- tpope/vim-surround
  - 高效引号标记操作
- lfv89/vim-interestingwords
  - 单词高亮标记
- brooth/far.vim
  - 字符串替换

- 宏
  - 录制重复操作
- 文本对象
  - 更快的匹配
- 寄存器
  - 多个临时存储
- map & noremap
  - 键盘映射
- 标记
- 自定义vimscript

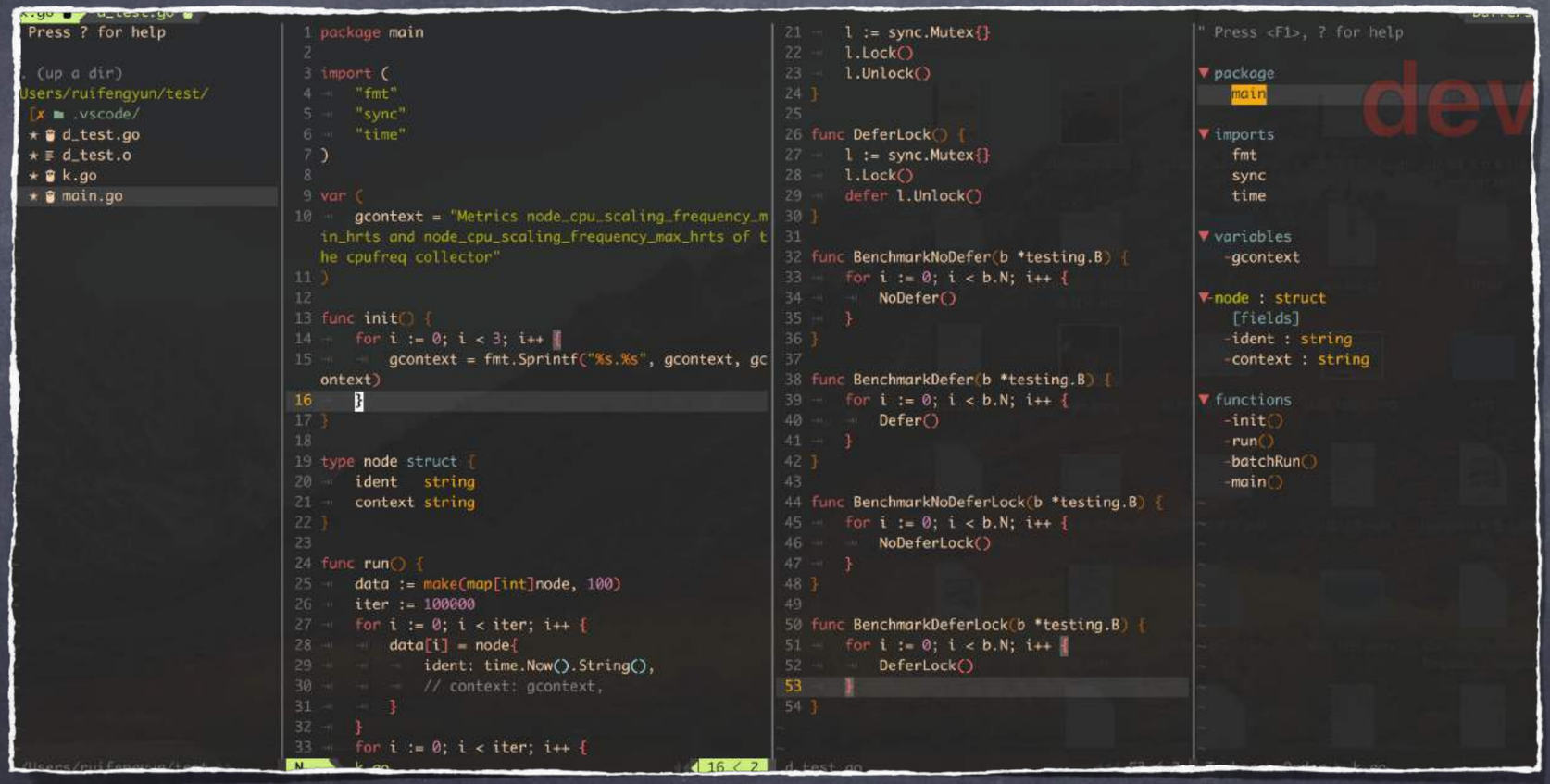
说出下面指令对应的动作？

- fmt.Println("golang vs rust")
- normal模型下
  - f ust
  - %
  - bdw
  - c
  - C

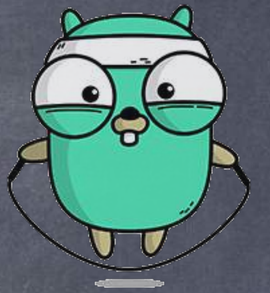
- fmt.Println("golang vs rust")
- normal模型下
  - vi"
  - va"
  - di)
  - de

如回答不出来，说明你的vim还要多练习！

vim config



https://github.com/rfyiamcool/dev_config

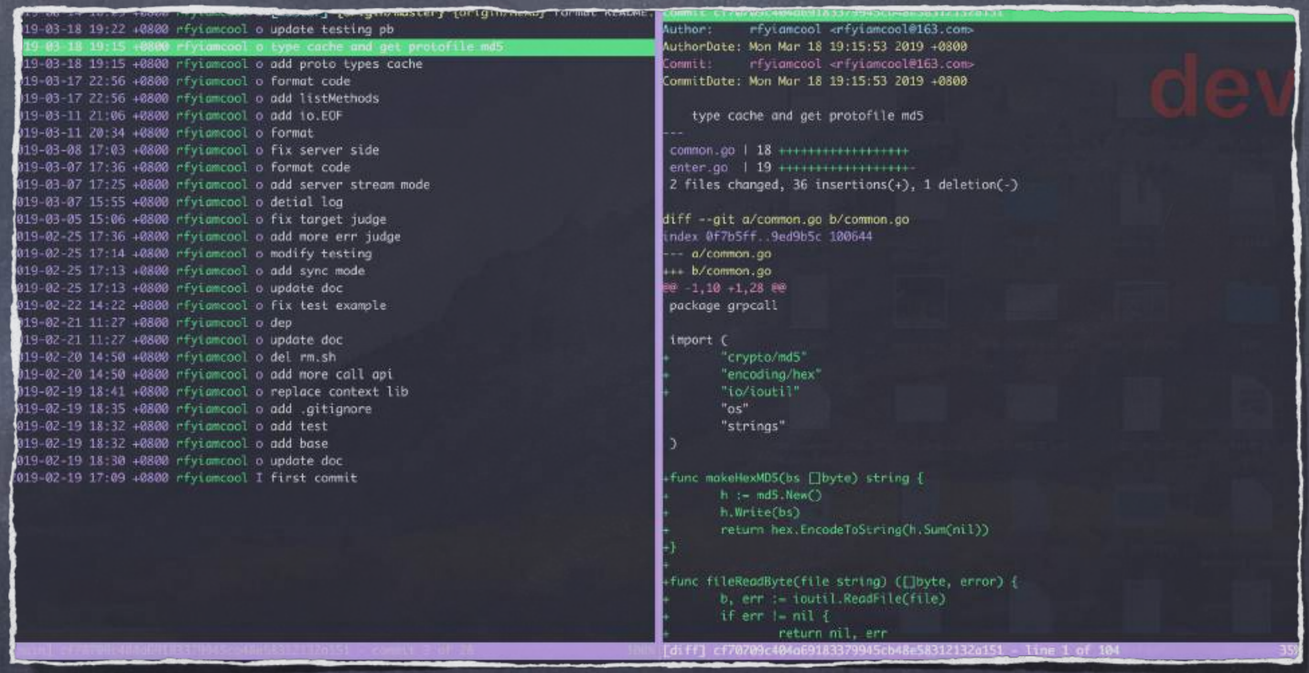


强烈建议

在常用的IDE里装入vim插件

other bin

- tig
  - 更直观的git浏览工具
- pbcopy && pbpaste
  - 对接mac的粘贴板
- fswatch-run
  - 监听目录变化
    - 自动测试
    - 把代码推送到开发服

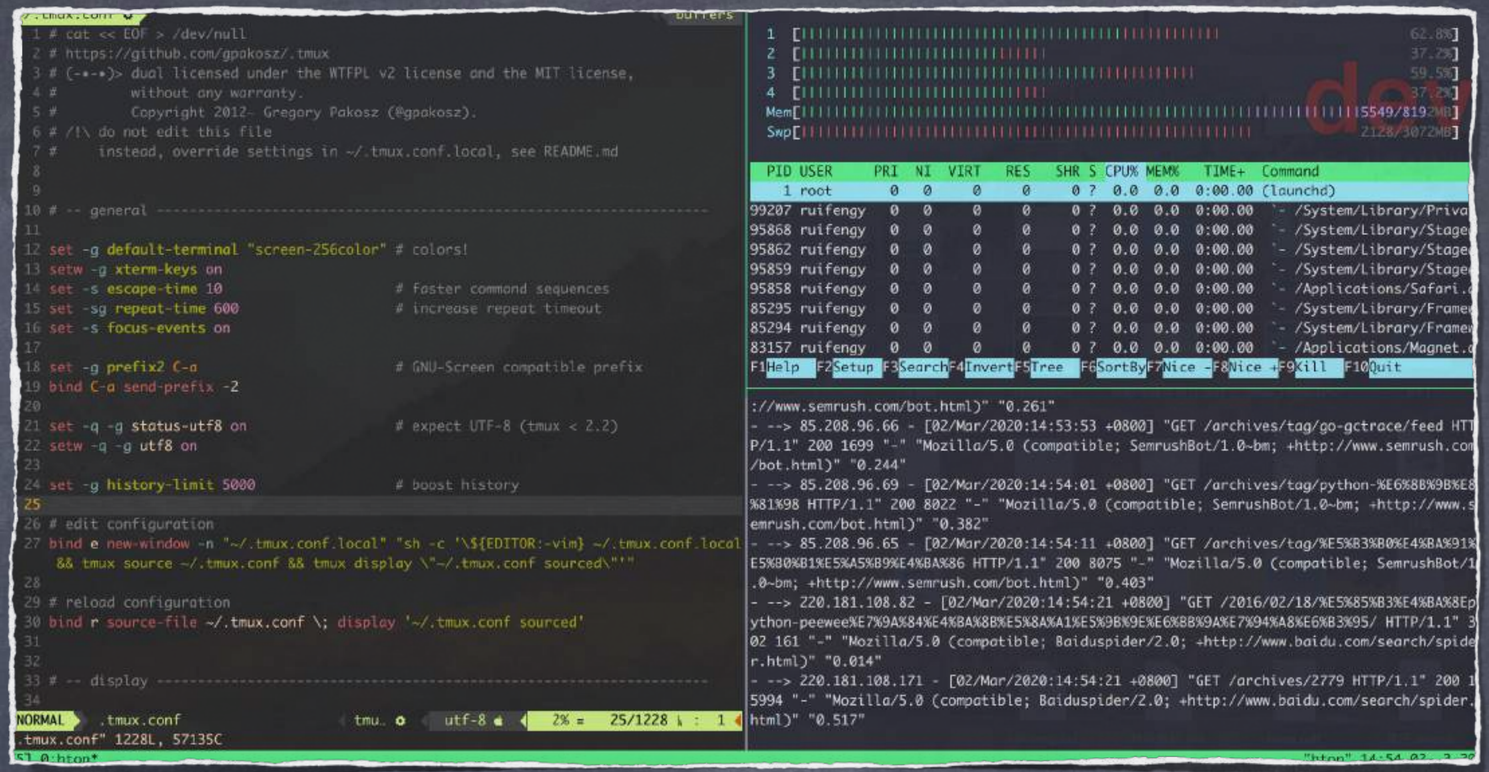


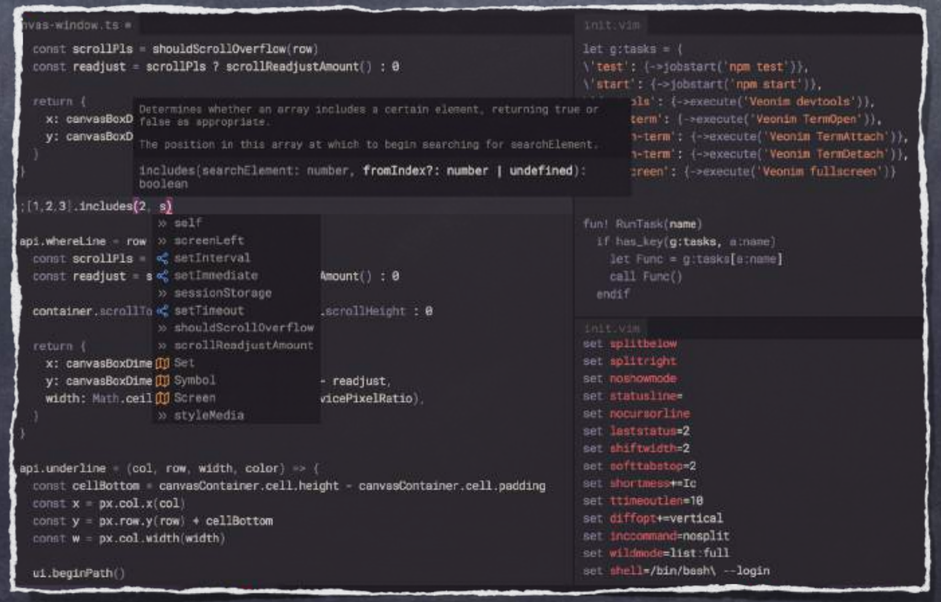
快捷键

- 最前&最后
  - control + a
  - control + b
- iterm2 单词跳转
  - option + b
  - option + f
- iterm2 窗口跳转
  - command + 左右
- 其他应用的文本跳转
  - option + 左右

- 同一个应用不同显示器跳转
  - command + `
- 不同显示器之间的焦点跳转
  - mac自动操作 + cliclick

- tmux
- neovim
  - veonim
  - oni





设备篇

- 显示器
- 键盘
- 鼠标
- 桌子
- 椅子

键盘

- 机械键盘
  - leopold
  - filco
  - ikbc
- 静电容
  - hhkb
  - leopold
  - realforce

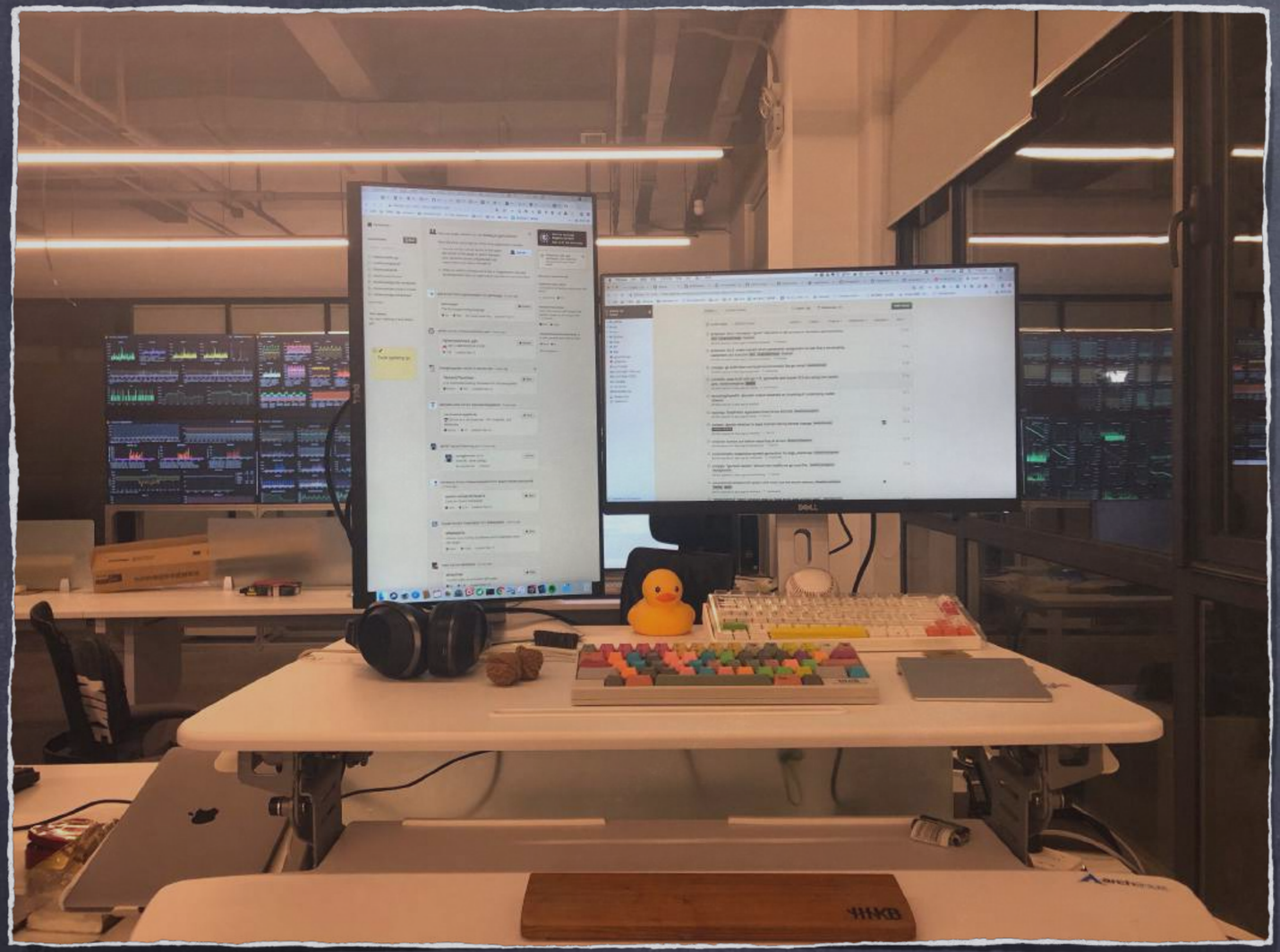
建议 红轴

在办公室听到青轴声音后，莫名伤感 ...

键盘

椅子

- 西昊
  - ￥ 1000.00
- 冈村日本okamura
  - sylphy
    - ￥ 4000.00
  - contessa
    - ￥ 11000.00



- 对腰&前列腺
  - 可拔高的桌子（乐歌 m1m）
- 对眼
  - 暖色及暗色主题
- 对手
  - 核桃
  - 棒球
- 对bug
  - 按鸭子

- 4k
  - LG 4k 27UL650
  - DELL U2718Q

终结篇:

少年时...

- 推荐书籍
  - 深入理解linux内核
  - tcp/ip 详解
  - unix环境高级编程
  - ...

“ Q&A ”

- xiaorui.cc