附录二、Vim的配置

Vim的基本配置

1. 查看vim配置文件: 在 `vim` 中执行 `:version`，查看配置文件所在位置
2. 编辑配置文件，例如我使用 `:e $VIM\gvimrc`
3. 添加常见配置

```
set nocp
set nu
set hls is
syntax on
filetype indent on
filetype plugin on
set guioptions-=mrLtT
set lines=15 columns=9999
:winp 0 0
set bg=light
set enc=utf-8
set fencs=utf-8,cp936,big5,iso-8859-1
autocmd FileType markdown setlocal spell
autocmd FileType markdown setlocal wrap
autocmd FileType markdown setlocal shiftwidth=2
autocmd FileType markdown setlocal expandtab
autocmd FileType markdown setlocal tabstop=2
autocmd FileType markdown setlocal softtabstop=2
```

Vim高级配置

1. 安装插件管理 `vim-plug`:

```shell
 iwr -useb https://raw.githubusercontent.com/junegunn/vim-plug/master/plug.vim |`
                    >>      ni $HOME/vimfiles/autoload/plug.vim -Force
```

2. 安装插件，并更新配置

```vim
call plug#begin('~/.vim/plugged')
Plug 'junegunn/seoul256.vim'
Plug 'neoclide/coc.nvim'
Plug 'preservim/nerdtree'
" Start NERDTree and put the cursor back in the other window.
nnoremap <F3> :NERDTreeToggle<CR>
Plug 'xuyuanp/nerdtree-git-plugin'
Plug 'altercation/vim-colors-solarized'
Plug 'vim-airline/vim-airline'
Plug 'vim-airline/vim-airline-themes'
Plug 'farmergreg/vim-lastplace'

let g:airline_theme='solarized'
let g:airline_solarized_bg='light'
" please install
https://github.com/powerline/fonts/blob/master/DejaVuSansMono/DejaVu%20
Sans%20Mono%20for%20Powerline.ttf
set guifont=DejaVu_Sans_Mono_for_Powerline:h16:cANSI:qDRAFT

let g:airline_powerline_fonts = 1
let g:airline#extensions#tabline#enabled = 1
call plug#end()

silent! colorscheme solarized

nnoremap nw <c-w><c-w>
noremap ;p "*p
noremap ;x "*y

autocmd VimEnter *.md NERDTree | wincmd p


if !exists('g:airline_symbols')
    let g:airline_symbols = {}
endif

" unicode symbols
let g:airline_left_sep = '»'
let g:airline_left_sep = '▶'
let g:airline_right_sep = '«'
let g:airline_right_sep = '◀'
let g:airline_symbols.colnr = ' ㏇:'
```

```vim
let g:airline_symbols.colnr = ' %:'
let g:airline_symbols.crypt = '🔒'
let g:airline_symbols.linenr = '☰'
let g:airline_symbols.linenr = ' ㏑:'
let g:airline_symbols.linenr = ' ㏑:'
let g:airline_symbols.linenr = '¶'
let g:airline_symbols.maxlinenr = ''
let g:airline_symbols.maxlinenr = 'ln'
let g:airline_symbols.branch = '⎇'
let g:airline_symbols.paste = 'ρ'
let g:airline_symbols.paste = 'Þ'
let g:airline_symbols.paste = '∥'
let g:airline_symbols.spell = 'Ꞩ'
let g:airline_symbols.notexists = 'Ɇ'
let g:airline_symbols.notexists = '∄'
let g:airline_symbols.whitespace = 'Ξ'

" powerline symbols
let g:airline_left_sep = '▶'
let g:airline_left_alt_sep = '〉'
let g:airline_right_sep = '◀'
let g:airline_right_alt_sep = '〈'
let g:airline_symbols.branch = '⎇'
let g:airline_symbols.colnr = ' %:'
let g:airline_symbols.readonly = '🔒'
let g:airline_symbols.linenr = ' ㏑:'
let g:airline_symbols.maxlinenr = '☰ '
let g:airline_symbols.dirty='⚡'
```

3. 安装字体[DejaVu Sans Mono for Powerline.ttf](#)

4. 安装 `nvm-windows`，并执行 `nvm install 18` 以安装 `npm` 和 `node.js`

5. 执行 `:PlugInstall` 如果一次不成功，可以多试几次。

Vim使用Python

- 安装python 虚拟环境管理软件并用它来安装python
  - [官方文档](#)
  - 在windows power shell(管理员)运行

```shell
# 设置PowerShell执行策略为允许
set-executionpolicy remotesigned
# 安装pyenv-win
Invoke-WebRequest -UseBasicParsing -Uri "https://raw.githubusercontent.com/pyenv-win/pyenv-win/master/pyenv-win/install-pyenv-win.ps1" -OutFile "./install-pyenv-win.ps1"; &"./install-pyenv-win.ps1"
#重新打开PowerShell，查看安装是否成功
pyenv --version
# 列出所有安装的python版本
pyenv versions
# 设置环境变量:
# PYTHON_BUILD_MIRROR_URL=https://jedore.netlify.app/tools/python-mirrors/
# 添加环境变量到PATH, 注意修改username:
# C:\Users\<username>\.pyenv\pyenv-win\versions\3.11.9-win32
# C:\Users\<username>\.pyenv\pyenv-win\versions\3.11.9-win32\libs
# 添加dll到vimrc
# let &pythonthreedll='C:\Users\<username>\.pyenv\pyenv-win\versions\3.11.9-win32\python3.dll'
# 执行: pyenv update
pyenv install 2.7.6-win32
pyenv install 3.11.9-win32
pyenv global 3.11.9-win32
python version
```

最终的Vimrc

📄 **_vimrc**