macOS, iTerm, ZSH

iTerm2 Customize on macOS

```
ref from : https://gist.github.com/kevin-smets/8568070

get and install iTerm2

iTerm->Preferences->Profiles->colors->load presets. : Solarized Dark theme

get and install Oh My Zsh

sh -c "$(curl -fsSL
https://raw.github.com/robbyrussell/oh-my-zsh/master/tools/install.sh)”
edit ~/.zshrc -> ZSH_THEME=“agnoster”

install a patched font (Meslo)

https://github.com/powerline/fonts/blob/master/Meslo%20Slashed/Meslo%20LG%20
M%20Regular%20for%20Powerline.ttf

iTerm->Preferences->Profiles->Text->Change Font

install zsh-syntax-highlighting
git clone https://github.com/zsh-users/zsh-syntax-highlighting.git
echo "source ${(q-)PWD}/zsh-syntax-highlighting/zsh-syntax-highlighting.zsh"
>> ${ZDOTDIR:-$HOME}/.zshrc


test font
echo "\ue0b0 \u00b1 \ue0a0 \u27a6 \u2718 \u26a1 \u2699”


using multi-line prompt

ref from : https://wayhome25.github.io/etc/2017/03/12/zsh-alias/

vi ~/.zshrc
# to delete computer name in prompt
prompt_context() {
  if [[ "$USER" != "$DEFAULT_USER" || -n "$SSH_CLIENT" ]]; then
    prompt_segment black default "%(!.%{%F{yellow}%}.)$USER"
  fi
}

vi ~/.oh-my-zsh/themes/agnoster.zsh-theme
## Main prompt
```

```
build_prompt() {
  RETVAL=$?
  prompt_status
  prompt_virtualenv
  prompt_context
  prompt_dir
  prompt_git
  prompt_bzr
  prompt_hg
  prompt_newline # 멀티라인 적용
  prompt_end
}

# 멀티라인 적용, 커버모양 변경
prompt_newline() {
  if [[ -n $CURRENT_BG ]]; then
    echo -n "%{%k%F{$CURRENT_BG}%}$SEGMENT_SEPARATOR
%(?.%F{$CURRENT_BG}.%F{red})❯%f"

  else
    echo -n "%{%k%}"
  fi

  echo -n "%{%f%}"
  CURRENT_BG=''
}
```

Preparation

1. get and install iTerm
2. install brew
3. get and install font
4. get solarized theme
5. install zsh, oh-my-zsh

Settings

1. setting on iterm
    1. theme
    2. text
2. setting zsh as default
3. set theme in ~/.zshrc
4. set other stuffs in ~/.oh-my-zsh/themes/agnoster.zsh-theme

```
echo "\ue0b0 \u00b1 \ue0a0 \u27a6 \u2718 \u26a1 \u2699”
```

Others

프롬프트 사용자 이름 삭제

$ vim ~/.zshrc

```
prompt_context() {
  if [[ "$USER" != "$DEFAULT_USER" || -n "$SSH_CLIENT" ]]; then
    prompt_segment black default "%(!.%{%F{yellow}%}.)$USER"
  fi
}
```

Word jump 활성화하기

```
## word jumps 활성화 하기
- 기본적으로 oh-my-zsh에서는 `option + 방향키` 조합의 단어별 이동이 불가능하다. 이를 수정하려면 별도의 설정수정이 필요하다.
- iTerm -> Preferences -> Profiles -> Keys 로 이동한다.
-`+` 버튼을 누르고 아래 설정을 추가한다.

```shell
# Option + right
⌥→
Send Escape Sequence
f
# Option + left
⌥←
Send Escape Sequence
b
```

Syntax Highlighting

```
# 설치
```
```

```
$ brew install zsh-syntax-highlighting

# ~/.zshrc 에 아래 문구 추가
source /usr/local/share/zsh-syntax-highlighting/zsh-syntax-highlighting.zsh
```

테마변경

```
vi .zshrc
ZSH_THEME="robbyrussell"
```

Multiline Prompt

```
vi ~/.oh-my-zsh/themes/agnoster.zsh-theme

## Main prompt
build_prompt() {
  RETVAL=$?
  prompt_status
  prompt_virtualenv
  prompt_context
  prompt_dir
  prompt_git
  prompt_bzr
  prompt_hg
  prompt_newline # 멀티라인 적용
  prompt_end
}

# 멀티라인 적용, 커버모양 변경
prompt_newline() {
  if [[ -n $CURRENT_BG ]]; then
    echo -n "%{%k%F{$CURRENT_BG}%}$SEGMENT_SEPARATOR
%(?.%F{$CURRENT_BG}.%F{red})$SEGMENT_SEPARATOR" # ❯%f"

  else
    echo -n "%{%k%}"
  fi

  echo -n "%{%f%}"
  CURRENT_BG=''
}
```

Update manually

Old Version

```
$ upgrade_oh_my_zsh
```

Newer Version

```
$ omz update
```

```
Updating Oh My Zsh
error: cannot pull with rebase: You have unstaged changes.
error: please commit or stash them.
There was an error updating. Try again later

$ cd ~/.oh-my-zsh
$ git status
$ git stash
or
$ git add .
$ git commit -m
$ upgrade_oh_my_zsh
```

Examples

- ~/.zshrc

```
# Enable Powerlevel10k instant prompt. Should stay close to the top of
~/.zshrc.
# Initialization code that may require console input (password prompts,
[y/n]
# confirmations, etc.) must go above this block; everything else may go
below.
if [[ -r "${XDG_CACHE_HOME:-$HOME/.cache}/p10k-instant-prompt-${(%):-
%n}.zsh" ]]; then
  source "${XDG_CACHE_HOME:-$HOME/.cache}/p10k-instant-prompt-${(%):-
%n}.zsh"
fi

# If you come from bash you might have to change your $PATH.
# export PATH=$HOME/bin:/usr/local/bin:$PATH
export ANDROID_HOME=${HOME}/Library/Android/sdk
export PATH=${PATH}:${ANDROID_HOME}/tools
export PATH=${PATH}:${ANDROID_HOME}/platform-tools

# Path to your oh-my-zsh installation.
export ZSH="/Users/alex/.oh-my-zsh"
```

```
# Set name of the theme to load --- if set to "random", it will
# load a random theme each time oh-my-zsh is loaded, in which case,
# to know which specific one was loaded, run: echo $RANDOM_THEME
# See https://github.com/robbyrussell/oh-my-zsh/wiki/Themes
#ZSH_THEME="robbyrussell"
#ZSH_THEME="agnoster"
#ZSH_THEME="powerlevel10k/powerlevel10k"
ZSH_THEME="spaceship"

# Set list of themes to pick from when loading at random
# Setting this variable when ZSH_THEME=random will cause zsh to load
# a theme from this variable instead of looking in ~/.oh-my-zsh/themes/
# If set to an empty array, this variable will have no effect.
# ZSH_THEME_RANDOM_CANDIDATES=( "robbyrussell" "agnoster" )

# Uncomment the following line to use case-sensitive completion.
# CASE_SENSITIVE="true"

# Uncomment the following line to use hyphen-insensitive completion.
# Case-sensitive completion must be off. _ and - will be
interchangeable.
# HYPHEN_INSENSITIVE="true"

# Uncomment the following line to disable bi-weekly auto-update checks.
# DISABLE_AUTO_UPDATE="true"

# Uncomment the following line to change how often to auto-update (in
days).
# export UPDATE_ZSH_DAYS=13

# Uncomment the following line to disable colors in ls.
# DISABLE_LS_COLORS="true"

# Uncomment the following line to disable auto-setting terminal title.
# DISABLE_AUTO_TITLE="true"

# Uncomment the following line to enable command auto-correction.
# ENABLE_CORRECTION="true"

# Uncomment the following line to display red dots whilst waiting for
completion.
# COMPLETION_WAITING_DOTS="true"

# Uncomment the following line if you want to disable marking untracked
files
# under VCS as dirty. This makes repository status check for large
repositories
# much, much faster.
# DISABLE_UNTRACKED_FILES_DIRTY="true"

# Uncomment the following line if you want to change the command
```

```
execution time
# stamp shown in the history command output.
# You can set one of the optional three formats:
# "mm/dd/yyyy"|"dd.mm.yyyy"|"yyyy-mm-dd"
# or set a custom format using the strftime function format
specifications,
# see 'man strftime' for details.
# HIST_STAMPS="mm/dd/yyyy"

# Would you like to use another custom folder than $ZSH/custom?
# ZSH_CUSTOM=/path/to/new-custom-folder

# Which plugins would you like to load?
# Standard plugins can be found in ~/.oh-my-zsh/plugins/*
# Custom plugins may be added to ~/.oh-my-zsh/custom/plugins/
# Example format: plugins=(rails git textmate ruby lighthouse)
# Add wisely, as too many plugins slow down shell startup.
plugins=(
        git
        zsh-syntax-highlighting
        zsh-autosuggestions
)

source $ZSH/oh-my-zsh.sh

# User configuration

# export MANPATH="/usr/local/man:$MANPATH"

# You may need to manually set your language environment
# export LANG=en_US.UTF-8

# Preferred editor for local and remote sessions
# if [[ -n $SSH_CONNECTION ]]; then
#   export EDITOR='vim'
# else
#   export EDITOR='mvim'
# fi

# Compilation flags
# export ARCHFLAGS="-arch x86_64"

# Set personal aliases, overriding those provided by oh-my-zsh libs,
# plugins, and themes. Aliases can be placed here, though oh-my-zsh
# users are encouraged to define aliases within the ZSH_CUSTOM folder.
# For a full list of active aliases, run `alias`.
#
# Example aliases
# alias zshconfig="mate ~/.zshrc"
# alias ohmyzsh="mate ~/.oh-my-zsh"
```

```
# To customize prompt, run `p10k configure` or edit ~/.p10k.zsh.
[[ ! -f ~/.p10k.zsh ]] || source ~/.p10k.zsh

autoload -U promptinit; promptinit
prompt pure

alias vim="nvim"
alias vi="nvim"
alias vimdiff="nvim -d"
export EDITOR=/usr/local/bin/nvim
```

References

- Manually update oh-my-zsh
- [개발 환경] iTerm2로 터미널 커스텀하기
- [MacOS] 터미널(iTerm2) 한글 깨짐 해결 방법

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