

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.githubusercontent.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%20M%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 수정하  
  려면 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
```

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

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