

Configure terminal for data science development

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1 Introduction

Install iterm2

brew install iterm2

Start with iterm2, zsh, oh-my-zsh, power10k

Search on “iterm2, zsh, oh-my-zsh, power10k”

read top 5 medium articles [My Terminal Setup: iTerm2 + ZSH + Powerlevel10k | by Zubair Ahmed | Webtips | Medium](#)

discuss plugins particularly

z vs scd vs wd

2 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

export ZSH="$HOME/.oh-my-zsh"
export EDITOR="vim"
# ZSH_THEME="muse"
ZSH_THEME="powerlevel10k/powerlevel10k"
DISABLE_UNTRACKED_FILES_DIRTY="true"
plugins=(docker z zsh-autosuggestions pass zsh-syntax-highlighting vi-mode scd common-aliases y)
source $ZSH/oh-my-zsh.sh
bindkey -v
alias mm='mutt'
alias sk='open -a Skim'
alias vc='vim ~/.vimrc'
alias vz='vim ~/.zshrc'
alias sz='source ~/.zshrc'
alias p2='enscript -C -2 -r -j --media=Letter'
alias p1='enscript -j --media=Letter'
alias yr="yabai --restart-service"
alias lt='eza -lrFha -sold'
alias mvim="/Applications/MacVim.app/Contents/bin/mvim"
alias tp='trash-put -v'
alias rm='echo "This is not the command you are looking for."; false'
alias s='scd'
alias ZZ='exit'
alias r="radian"
alias nt="nvim"
alias ng="neovim-qt"
mma () { /Applications/Mathematica.app/Contents/MacOS/WolframKernel -script $1 }
function gz() {
    git add .
    git commit -a -m "$1"
    git push
}

cdpath=($HOME/Dropbox/prj $HOME/Dropbox/sbx $HOME/Dropbox/work )

```

```

export TEXINPUTS='./Users/zennjshr/images:/Users/zenn/shr:'
export PATH="./opt/homebrew/sbin:/opt/homebrew/bin:$PATH:$HOME/bin"

export vpc_id="vpc-14814b73"
export subnet_id="subnet-f02c90ab"
export ami_id="ami-014d05e6b24240371"
export keypair_name="rebecca_app"
export proj_name="rebecca_app"
export instance_type="t2.micro"
export storage_size="30"
export ami_id="ami-014d05e6b24240371"
export security_grp="sg-008cace70d32f6267"
export static_ip='13.56.101.209'

if type rg &> /dev/null; then
    export FZF_DEFAULT_COMMAND='rg --files --hidden --no-ignore-vcs'
    export FZF_DEFAULT_OPTS='-m --height 50% --border'
fi
ZSH_AUTOSUGGEST_HIGHLIGHT_STYLE="fg=011,bg=black,bold,underline"

test -e "${HOME}/.iterm2_shell_integration.zsh" && source "${HOME}/.iterm2_shell_integration.zsh"

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

POWERLEVEL9K_COLOR_SCHEME='light'
POWERLEVEL9K_DISABLE_GITSTATUS=true
# LS_COLORS=$LS_COLORS:`di=0;35:`.
# export LS_COLORS
#
# LS_COLORS is used by GNU ls. LSCOLORS is used by BSD ls.
export LS_COLORS='fi=00:mi=00:mh=00:ln=01;36:or=01;31:di=01;34:ow=04;01;34:st=34:tw=04;34:'
LS_COLORS+='pi=01;33:so=01;33:do=01;33:bd=01;33:cd=01;33:su=01;35:sg=01;35:ca=01;35:ex=01;32'
export LSCOLORS='ExGxDxDxCxDxFxFxExEx'

# TREE_COLORS is used by GNU tree. It looks awful with underlined text, so we turn it off.
export TREE_COLORS=${LS_COLORS//04;}

# Use GNU ls colors in completion lists.
zstyle ':completion:*' list-colors "${(@s...)LS_COLORS}"

```