Zsh基础配置

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| |  | | --- | | **Zsh基础配置** |  |  |  | | --- | --- | | |  | | --- | | By Zewen Fu | | |

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## 1配置软件源

因为默认软件源一般在国外，读取较慢，所以要修改软件源为国内镜像源

1. 打开软件源配置地址：sudo vim /etc/apt/sources.list或者使用其他编辑器打开
2. 将原本配置源注释（即在对应行首插入#）
3. 添加对应国内镜像源
4. 保存退出

以下是Debian和Ubuntu的国内镜像源，默认注释了源吗镜像以提高apt update的速度，如有需要可自行取消注释

### 1.1Debian源

阿里云源：

deb https://mirrors.aliyun.com/debian/ bookworm main non-free non-free-firmware contrib

#deb-src https://mirrors.aliyun.com/debian/ bookworm main non-free non-free-firmware contrib

deb https://mirrors.aliyun.com/debian-security/ bookworm-security main

#deb-src https://mirrors.aliyun.com/debian-security/ bookworm-security main

deb https://mirrors.aliyun.com/debian/ bookworm-updates main non-free non-free-firmware contrib

#deb-src https://mirrors.aliyun.com/debian/ bookworm-updates main non-free non-free-firmware contrib

deb https://mirrors.aliyun.com/debian/ bookworm-backports main non-free non-free-firmware contrib

#deb-src https://mirrors.aliyun.com/debian/ bookworm-backports main non-free non-free-firmware contrib

清华大学源：

deb https://mirrors.tsinghua.edu.cn/debian/ bookworm main non-free non-free-firmware contrib

#deb-src https://mirrors.tsinghua.edu.cn/debian/ bookworm main non-free non-free-firmware contrib

deb https://mirrors.tsinghua.edu.cn/debian-security/ bookworm-security main

#deb-src https://mirrors.tsinghua.edu.cn/debian-security/ bookworm-security main

deb https://mirrors.tsinghua.edu.cn/debian/ bookworm-updates main non-free non-free-firmware contrib

#deb-src https://mirrors.tsinghua.edu.cn/debian/ bookworm-updates main non-free non-free-firmware contrib

deb https://mirrors.tsinghua.edu.cn/debian/ bookworm-backports main non-free non-free-firmware contrib

#deb-src https://mirrors.tsinghua.edu.cn/debian/ bookworm-backports main non-free non-free-firmware contrib

中科大源：

deb https://mirrors.ustc.edu.cn/debian/ bookworm main non-free non-free-firmware contrib  
#deb-src https://mirrors.ustc.edu.cn/debian/ bookworm main non-free non-free-firmware contrib  
deb https://mirrors.ustc.edu.cn/debian-security/ bookworm-security main  
#deb-src https://mirrors.ustc.edu.cn/debian-security/ bookworm-security main  
deb https://mirrors.ustc.edu.cn/debian/ bookworm-updates main non-free non-free-firmware contrib  
#deb-src https://mirrors.ustc.edu.cn/debian/ bookworm-updates main non-free non-free-firmware contrib  
deb https://mirrors.ustc.edu.cn/debian/ bookworm-backports main non-free non-free-firmware contrib  
#deb-src https://mirrors.ustc.edu.cn/debian/ bookworm-backports main non-free non-free-firmware contrib

### 1.2Ubuntu源

阿里源：

deb http://mirrors.aliyun.com/ubuntu/ jammy main restricted universe multiverse   
#deb-src http://mirrors.aliyun.com/ubuntu/ jammy main restricted universe multiverse   
deb http://mirrors.aliyun.com/ubuntu/ jammy-security main restricted universe multiverse   
#deb-src http://mirrors.aliyun.com/ubuntu/ jammy-security main restricted universe multiverse   
deb http://mirrors.aliyun.com/ubuntu/ jammy-updates main restricted universe multiverse   
#deb-src http://mirrors.aliyun.com/ubuntu/ jammy-updates main restricted universe multiverse   
deb http://mirrors.aliyun.com/ubuntu/ jammy-proposed main restricted universe multiverse   
#deb-src http://mirrors.aliyun.com/ubuntu/ jammy-proposed main restricted universe multiverse   
deb http://mirrors.aliyun.com/ubuntu/ jammy-backports main restricted universe multiverse   
#deb-src http://mirrors.aliyun.com/ubuntu/ jammy-backports main restricted universe multiverse

清华大学源：

deb https://mirrors.tuna.tsinghua.edu.cn/ubuntu/ noble main restricted universe multiverse  
# deb-src https://mirrors.tuna.tsinghua.edu.cn/ubuntu/ noble main restricted universe multiverse  
deb https://mirrors.tuna.tsinghua.edu.cn/ubuntu/ noble-updates main restricted universe multiverse  
# deb-src https://mirrors.tuna.tsinghua.edu.cn/ubuntu/ noble-updates main restricted universe multiverse  
deb https://mirrors.tuna.tsinghua.edu.cn/ubuntu/ noble-backports main restricted universe multiverse  
# deb-src https://mirrors.tuna.tsinghua.edu.cn/ubuntu/ noble-backports main restricted universe multiverse

中科大源：

deb https://mirrors.ustc.edu.cn/ubuntu/ jammy main restricted universe multiverse

#deb-src https://mirrors.ustc.edu.cn/ubuntu/ jammy main restricted universe multiverse

deb https://mirrors.ustc.edu.cn/ubuntu/ jammy-updates main restricted universe multiverse

#deb-src https://mirrors.ustc.edu.cn/ubuntu/ jammy-updates main restricted universe multiverse

deb https://mirrors.ustc.edu.cn/ubuntu/ jammy-backports main restricted universe multiverse

#deb-src https://mirrors.ustc.edu.cn/ubuntu/ jammy-backports main restricted universe multiverse

deb https://mirrors.ustc.edu.cn/ubuntu/ jammy-security main restricted universe multiverse

#deb-src https://mirrors.ustc.edu.cn/ubuntu/ jammy-security main restricted universe multiverse

deb https://mirrors.ustc.edu.cn/ubuntu/ jammy-proposed main restricted universe multiverse

#deb-src https://mirrors.ustc.edu.cn/ubuntu/ jammy-proposed main restricted universe multiverse

## 2安装并切换为Zsh

运行以下安装命令：

sudo apt update

sudo apt install zsh

运行以下切换命令：

chsh -s /bin/zsh

重启之后即可

## 3Zsh配置

第一次进入Zsh界面会有配置引导界面，可以选择创建空白.zshrc。按照下面的顺序开始配置

### 3.1Oh My Zsh美化配置

安装oh-my-zsh可以通过curl和wget方法，对应命令如下：

curl

sh -c "$(curl -fsSL https://raw.github.com/ohmyzsh/ohmyzsh/master/tools/install.sh)"

wget

sh -c "$(wget https://raw.github.com/ohmyzsh/ohmyzsh/master/tools/install.sh -O -)"

### 3.2使用Powerlevel10k主题

安装方法：

git clone –depth=1 https://github.com/romkatv/powerlevel10k.git ${ZSH\_CUSTOM:-$HOME/.oh-my-zsh/custom}/themes/powerlevel10k

使用Powerlevel10k主题，需要使用字体库Nerd Font中的字体，推荐到其官网下载其中一个喜欢的字体安装并设置为终端字体即可，无需下载整个字体库。官网地址：<https://www.nerdfonts.com/font-downloads>

设置Powerlevel10k为Zsh主题：

1. 终端中输入vim ~/.zshrc
2. 在文件内找到ZSH\_THEME
3. 修改其为ZSH\_THEME="powerlevel10k/powerlevel10k"
4. vim保存退出之后在终端执行source ~/.zshrc
5. 按照引导程序配置环境

### 3.3插件配置

推荐的插件：

* zsh-autosuggestions(zsh的自动补全插件)
* zsh-syntax-highlighting(zsh的语法高亮插件)
* z(zsh快速文件夹跳转插件)

#### 3.3.1安装插件

##### zsh-autosuggestions

git clone https://github.com/zsh-users/zsh-autosuggestions ${ZSH\_CUSTOM:-~/.oh-my-zsh/custom}/plugins/zsh-autosuggestions

##### zsh-syntax-highlighting

git clone https://github.com/zsh-users/zsh-syntax-highlighting.git ${ZSH\_CUSTOM:-~/.oh-my-zsh/custom}/plugins/zsh-syntax-highlighting

##### z

z插件为zsh内置插件无需安装

#### 3.3.2添加插件

1. 终端中输入vim ~/.zshrc
2. 在文件内找到plugins
3. 修改其为

* plugins=(
* # other plugins…
* zsh-autosuggestions
* zsh-syntax-highlighting
* z
* )

1. vim保存退出之后在终端执行source ~/.zshrc