Zsh基础配置

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目录

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

1.1 Debian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
```

1.2 Ubuntu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

3 Zsh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

3.1 Oh 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
)
```

4. vim保存退出之后在终端执行`source ~/.zshrc`