# 2022.2.20 window子系统unbuntu安装

## 安装WSL

### <https://docs.microsoft.com/zh-cn/windows/wsl/install>

### 遭遇的问题以及解决方法

#### Unbuntu换国内源 (用于apt install 软件速度太慢)

##### 备份原来的sorce文件

sudo cp /etc/apt/sources.list /etc/apt/sources.list.bak

##### 修改sources.list文件

sudo vim /etc/apt/sources.list

##### 添加阿里、中科大镜像源

# 中科大镜像源

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

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

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

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

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

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

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

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

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

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

# 阿里镜像源

deb http://mirrors.aliyun.com/ubuntu/ bionic main restricted universe multiverse

deb http://mirrors.aliyun.com/ubuntu/ bionic-security main restricted universe multiverse

deb http://mirrors.aliyun.com/ubuntu/ bionic-updates main restricted universe multiverse

deb http://mirrors.aliyun.com/ubuntu/ bionic-proposed main restricted universe multiverse

deb http://mirrors.aliyun.com/ubuntu/ bionic-backports main restricted universe multiverse

deb-src http://mirrors.aliyun.com/ubuntu/ bionic main restricted universe multiverse

deb-src http://mirrors.aliyun.com/ubuntu/ bionic-security main restricted universe multiverse

deb-src http://mirrors.aliyun.com/ubuntu/ bionic-updates main restricted universe multiverse

deb-src http://mirrors.aliyun.com/ubuntu/ bionic-proposed main restricted universe multiverse

deb-src http://mirrors.aliyun.com/ubuntu/ bionic-backports main restricted universe multiverse

## 安装Vscode

### https://docs.microsoft.com/zh-cn/windows/wsl/tutorials/wsl-vscode

## 在适用于Linux的windows子系统(WSL2)上安装Node.js

### <https://docs.microsoft.com/zh-cn/windows/dev-environment/javascript/nodejs-on-wsl>

### 遭遇的问题以及解决方法

#### 安装nvm管理包速度很慢

* 185.199.108.133
* 185.199.109.133
* 185.199.110.133
* 185.199.111.133
* 2606:50c0:8000::154
* 2606:50c0:8001::154
* 2606:50c0:8002::154
* 2606:50c0:8003::154

将以上raw.githubusercontent.com ip地址添加到linux hosts文件中，路径: /etc/hosts

测试

#### linux、mac环境使用nvm下载速度慢

##### 方案一：临时解决方案（每次安装替换成淘宝镜像源）

NVM\_NODEJS\_ORG\_MIRROR=https://npm.taobao.org/mirrors/node nvm install stable

##### 方案二：linux环境下设置默认镜像源

nvm的默认配置文件安装在~/.nvm目录下，找到nvm.sh修改NVM\_NODEJS\_ORG\_MIRROR的默认参数即可

##### 方案三：linux下设置永久环境变量

在~/.bashrc文件中添加export NVM\_NODEJS\_ORG\_MIRROR=https://npm.taobao.org/mirrors/node

##### 总结：设置方案三后,注意要执行一次方案一,然后速度起飞！！！！

### Install