

Xos 环境搭建

Ubuntu 24.04 下搭建 xos 编译环境

安装一些工具

Plain Text

```
sudo apt install -y cmake mtools scons curl flex bison gperf  
build-essential zip device-tree-compiler libstdc++-dev libpng-dev  
libcurl4-openssl-dev libssl-dev gnupg flex bison gperf build-  
essential zip curl zlib1g-dev gcc-multilib g++-multilib libc6-dev-  
i386 x11proto-core-dev libx11-dev ccache libgl1-mesa-dev libxml2-  
utils xsltproc unzip liblz4-tool gdb u-boot-tools git
```

安装 python3

Bash

```
sudo apt install -y python3 python3-pip  
sudo apt install python-is-python3
```

安装其他工具

Plain Text

```
sudo apt install lib32z-dev  
sudo apt-get install -y fakeroot mtd-utils  
sudo apt install android-sdk-libsparse-utils  
sudo apt install -y cpio
```

安装 libncurses 及 libncurses-dev

Plain Text

```
sudo dpkg --add-architecture i386  
sudo apt update
```

```
sudo apt install libncurses6
```

```
sudo apt install libncurses6:i386

sudo apt install libncurses-dev
sudo apt install libncurses-dev:i386
```

安装 openpyxl

```
Plain Text
sudo apt install -y python3-openpyxl
```

Ubuntu 22.04 下搭建 xos 编译环境

安装一些工具

```
Plain Text
sudo apt install -y cmake mtools scons curl flex bison gperf
build-essential zip device-tree-compiler libSDL2-dev libpng-dev
libcurl4-openssl-dev libssl-dev gnupg flex bison gperf build-
essential zip curl zlib1g-dev gcc-multilib g++-multilib libc6-dev-
i386 x11proto-core-dev libx11-dev ccache libgl1-mesa-dev libxml2-
utils xsltproc unzip liblz4-tool gdb u-boot-tools git
```

安装 python3

```
Bash
sudo apt install -y python3 python3-pip
sudo apt install python-is-python3
```

安装其他工具

```
Plain Text
sudo apt install lib32z-dev
sudo apt-get install -y fakeroot mtd-utils
sudo apt install android-sdk-libsparse-utils
```

```
sudo apt install -y cpio
```

安装 lib32ncurses-dev 及 libncurses5

Plain Text

```
sudo apt install libncurses5 lib32ncurses-dev
```

安装 xlrld

Plain Text

```
pip3 install xlrld==1.2.0
```