

wsl graphic

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USE Graphic interface in wsl2 (Windows 10)

Before start, it's important that you already successfully perform Windows 10 setup

First, make sure you have WSL2 (by Running code below)

```
wsl --install
```

Second, start Windows terminal with administrator mode and run code below (assume we are using Ubuntu-22.04 version).

```
wsl -l -v
wsl --set-default-version 2
wsl --set-version Ubuntu-22.04 2
```

see here for more information

You can re run the last line , and if you see

‘This distribution is required version‘ then it is done.

Finally, you can use code below to test if all the settings make sense by

We should have done first two steps in Windows 10 setup.

1 Install VcXSrv

2 Go to Windows Defender Firewall to enable all network connection for VcXSrv

3 Start VcXsrv with “Multiple windows”, “Start no client”, enable every option (including Disable access control)

4 get your ip address by running code in WSL shell

```
ip route
```

5 run code below, there should be an eye show up in your screen.

```
DISPLAY=<IP address>:0.0 xeyes
# in my case, my ip address is 172.28.240.1, so I will write
# DISPLAY=172.28.176.1:0.0 xeyes
```

see here for more information

Run vscode remotely on WSL

First you need to download remote wsl tools from VScode extension.

Typing `remote wsl` in VScode extension search and download first two called:

`WSL and Remote Development`

Then go back to WSL terminal and run `code .`

It will download VScode in WSL system if you haven't done that before and open VScode, now you can see file structure in the left bar.