

# #3 Linux/WSL

## 任务一

最开始遇到这个问题

### WslRegisterDistribution failed with error: 0x800701bc

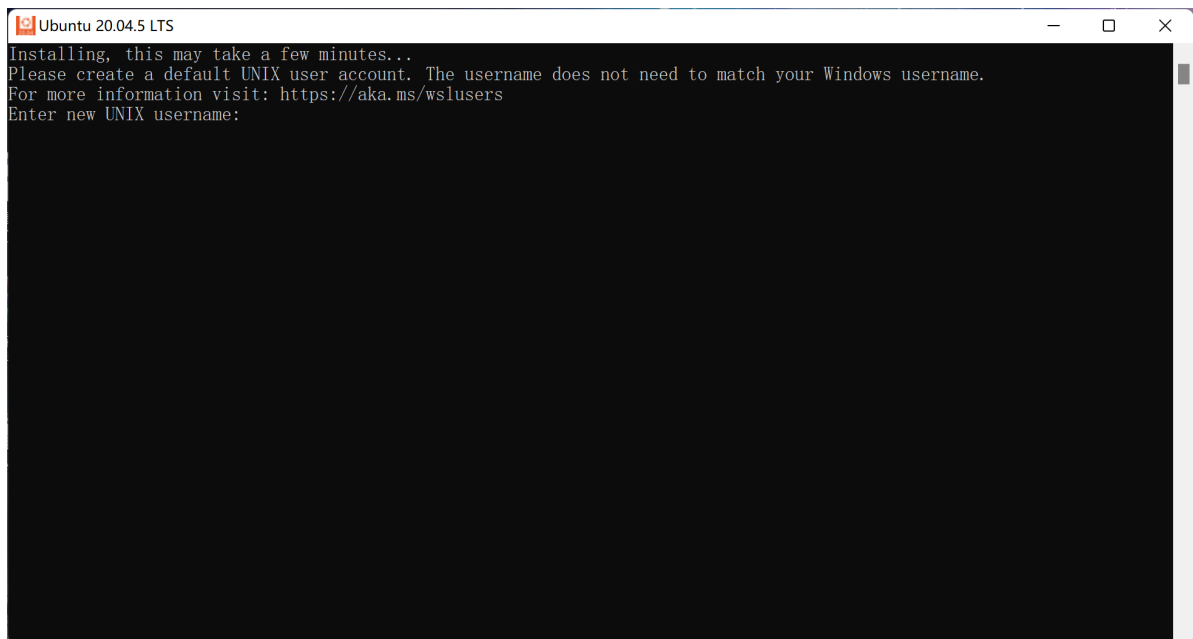
继续排错，出现这个错误的原因是：wsl1升级到wsl2之后，内核却没有升级，所以会出现这种错误提示！

解决方法：

1. 下载最新的wsl安装包，
2. 安装包下载后，直接运行安装。

下载地址：[wsl\\_update\\_x64.msi](#)

中间又遇到一个问题，设置密码的时候屏幕上不会显示，我以为我没输入成功，实际上就是不会显示.....



```
nys0412@LAPTOP-HDB4LH32: ~  
Installation successful!  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
Welcome to Ubuntu 20.04.5 LTS (GNU/Linux 5.10.16.3-microsoft-standard-WSL2 x86_64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:        https://ubuntu.com/advantage  
  
System information as of Mon Oct 10 21:49:38 CST 2022  
  
System load:  0.0           Processes:            8  
Usage of /:   0.5% of 250.98GB Users logged in:     0  
Memory usage: 2%           IPv4 address for eth0: 172.17.56.146  
Swap usage:   0%  
  
0 updates can be applied immediately.  
  
The list of available updates is more than a week old.  
To check for new updates run: sudo apt update  
  
This message is shown once a day. To disable it please create the  
/home/nys0412/.hushlogin file.  
nys0412@LAPTOP-HDB4LH32:~$
```

已经设置成功了

来查看一下版本

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nys0412@LAPTOP-HDB4LH32: ~  
  
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Memory usage: 2%           IPv4 address for eth0: 172.17.56.146  
Swap usage:   0%  
  
0 updates can be applied immediately.  
  
The list of available updates is more than a week old.  
To check for new updates run: sudo apt update  
  
This message is shown once a day. To disable it please create the  
/home/nys0412/.hushlogin file.  
nys0412@LAPTOP-HDB4LH32:~$ lsb-release -a  
Command 'lsb-release' not found, did you mean:  
  
  command 'lsb_release' from deb lsb-release (11.1.0ubuntu2)  
  
Try: sudo apt install <deb name>  
nys0412@LAPTOP-HDB4LH32:~$ _
```

安装结束

B站教程指导



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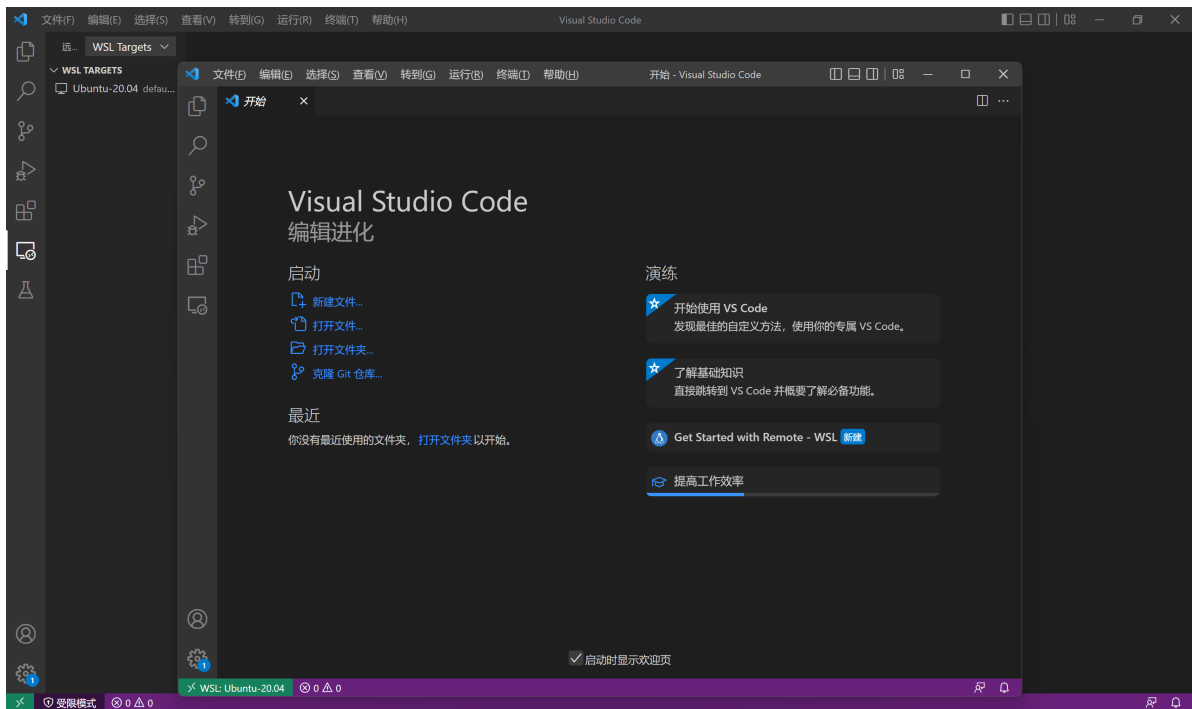
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## 加分项

### 1.通过 VScode 的 Remote 插件连接至你的虚拟机 / WSL2



教程指导: [https://blog.csdn.net/qq\\_39297053/article/details/126875313](https://blog.csdn.net/qq_39297053/article/details/126875313)

### 2.配置好基于 SSH 密钥的免密的远程服务器登陆

打开终端并安装 openssh-server 软件包

```
nys0412@LAPTOP-HDB4LH32: ~  
Get:26 http://archive.ubuntu.com/ubuntu focal-updates/restricted Translation-en [188 kB]  
Get:27 http://archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages [964 kB]  
Get:28 http://archive.ubuntu.com/ubuntu focal-updates/universe Translation-en [220 kB]  
Get:29 http://archive.ubuntu.com/ubuntu focal-updates/universe amd64 c-n-f Metadata [21.6 kB]  
Get:30 http://archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 Packages [24.4 kB]  
Get:31 http://archive.ubuntu.com/ubuntu focal-updates/multiverse Translation-en [7316 B]  
Get:32 http://archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 c-n-f Metadata [588 B]  
Get:33 http://archive.ubuntu.com/ubuntu focal-backports/main amd64 Packages [45.6 kB]  
Get:34 http://archive.ubuntu.com/ubuntu focal-backports/main Translation-en [16.3 kB]  
Get:35 http://archive.ubuntu.com/ubuntu focal-backports/main amd64 c-n-f Metadata [1420 B]  
Get:36 http://archive.ubuntu.com/ubuntu focal-backports/restricted amd64 c-n-f Metadata [116 B]  
Get:37 http://archive.ubuntu.com/ubuntu focal-backports/universe amd64 Packages [23.9 kB]  
Get:38 http://archive.ubuntu.com/ubuntu focal-backports/universe Translation-en [16.0 kB]  
Get:39 http://archive.ubuntu.com/ubuntu focal-backports/universe amd64 c-n-f Metadata [860 B]  
Get:40 http://archive.ubuntu.com/ubuntu focal-backports/multiverse amd64 c-n-f Metadata [116 B]  
Fetched 24.4 MB in 7s (3505 kB/s)  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
29 packages can be upgraded. Run 'apt list --upgradable' to see them.  
nys0412@LAPTOP-HDB4LH32:~$ sudo apt install openssh-server  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
openssh-server is already the newest version (1:8.2p1-4ubuntu0.5).  
0 upgraded, 0 newly installed, 0 to remove and 29 not upgraded.  
nys0412@LAPTOP-HDB4LH32:~$
```

不知道为什么下不起枯了