

第三周学习笔记

提示符前能够看到 `bash`，且使用 `conda info` 命令查看本机 Conda 的配置信息

```
MINGW64/c/Users/Lenovo x + v - □ ×
drwxr-xr-x 1 Lenovo 197121 0 6月 13 2024 Music/
lrwxrwxrwx 1 Lenovo 197121 25 6月 13 2024 'My Documents' -> /c/Users/Lenovo/Documents/
lrwxrwxrwx 1 Lenovo 197121 67 6月 13 2024 NetHood -> '/c/Users/Lenovo/AppData/Roaming/Microsoft/Windows/Network
Shortcuts'/
-rw-r--r-- 1 Lenovo 197121 15990784 3月 19 23:18 NTUSER.DAT
-rw-r--r-- 1 Lenovo 197121 5574656 6月 13 2024 ntuser.dat.LOG1
-rw-r--r-- 1 Lenovo 197121 1605632 6月 13 2024 ntuser.dat.LOG2
-rw-r--r-- 1 Lenovo 197121 65536 3月 6 23:10 NTUSER.DAT{283dd1a2-2965-11ef-981c-d4602ecc6d16}.TM.blf
-rw-r--r-- 1 Lenovo 197121 524288 3月 6 23:10 NTUSER.DAT{283dd1a2-2965-11ef-981c-d4602ecc6d16}.TM.Container000000000
00000000001.regtrans-ms
-rw-r--r-- 1 Lenovo 197121 524288 6月 13 2024 NTUSER.DAT{283dd1a2-2965-11ef-981c-d4602ecc6d16}.TM.Container000000000
00000000002.regtrans-ms
-rw-r--r-- 1 Lenovo 197121 20 6月 13 2024 ntuser.ini
drwxr-xr-x 1 Lenovo 197121 0 6月 19 2024 OneDrive/
drwxr-xr-x 1 Lenovo 197121 0 11月 30 18:56 Pictures/
lrwxrwxrwx 1 Lenovo 197121 67 6月 13 2024 PrintHood -> '/c/Users/Lenovo/AppData/Roaming/Microsoft/W
er Shortcuts'/
lrwxrwxrwx 1 Lenovo 197121 56 6月 13 2024 Recent -> /c/Users/Lenovo/AppData/Roaming/Microsoft/Windows/Recent/
drwxr-xr-x 1 Lenovo 197121 0 3月 16 19:52 repo/
drwxr-xr-x 1 Lenovo 197121 0 6月 13 2024 'Saved Games'/
drwxr-xr-x 1 Lenovo 197121 0 6月 13 2024 Searches/
lrwxrwxrwx 1 Lenovo 197121 56 6月 13 2024 SendTo -> /c/Users/Lenovo/AppData/Roaming/Microsoft/Windows/SendTo/
lrwxrwxrwx 1 Lenovo 197121 59 6月 13 2024 Templates -> /c/Users/Lenovo/AppData/Roaming/Microsoft/Windows/Templa
tes/
drwxr-xr-x 1 Lenovo 197121 0 6月 13 2024 Videos/
drwxr-xr-x 1 Lenovo 197121 0 3月 6 22:24 week01/
drwxr-xr-x 1 Lenovo 197121 0 3月 20 10:56 'WPS Cloud Files'/

(base) Lenovo@DESKTOP-6V3IN2H MINGW64 ~
$
```

使用 `conda env list` 命令查看已有的 Conda 环境的名称和路径

```
MINGW64/c/Users/Lenovo x + v - □ ×
https://repo.anaconda.com/pkgs/r/win-64
https://repo.anaconda.com/pkgs/r/noarch
https://repo.anaconda.com/pkgs/msys2/win-64
https://repo.anaconda.com/pkgs/msys2/noarch
package cache : D:\anaconda3\pkgs
C:\Users\Lenovo\.conda\pkgs
C:\Users\Lenovo\AppData\Local\conda\conda\pkgs
envs directories : D:\anaconda3\envs
C:\Users\Lenovo\.conda\envs
C:\Users\Lenovo\AppData\Local\conda\conda\envs
platform : win-64
user-agent : conda/24.9.2 requests/2.32.3 CPython/3.12.7 Windows/11 Windows/10.0.22631 solver/libmamba cond
a-libmamba-solver/24.9.0 libmambapy/1.5.8 aau/0.4.4 c/. s/. e/.
administrator : False
netrc file : None
offline mode : False

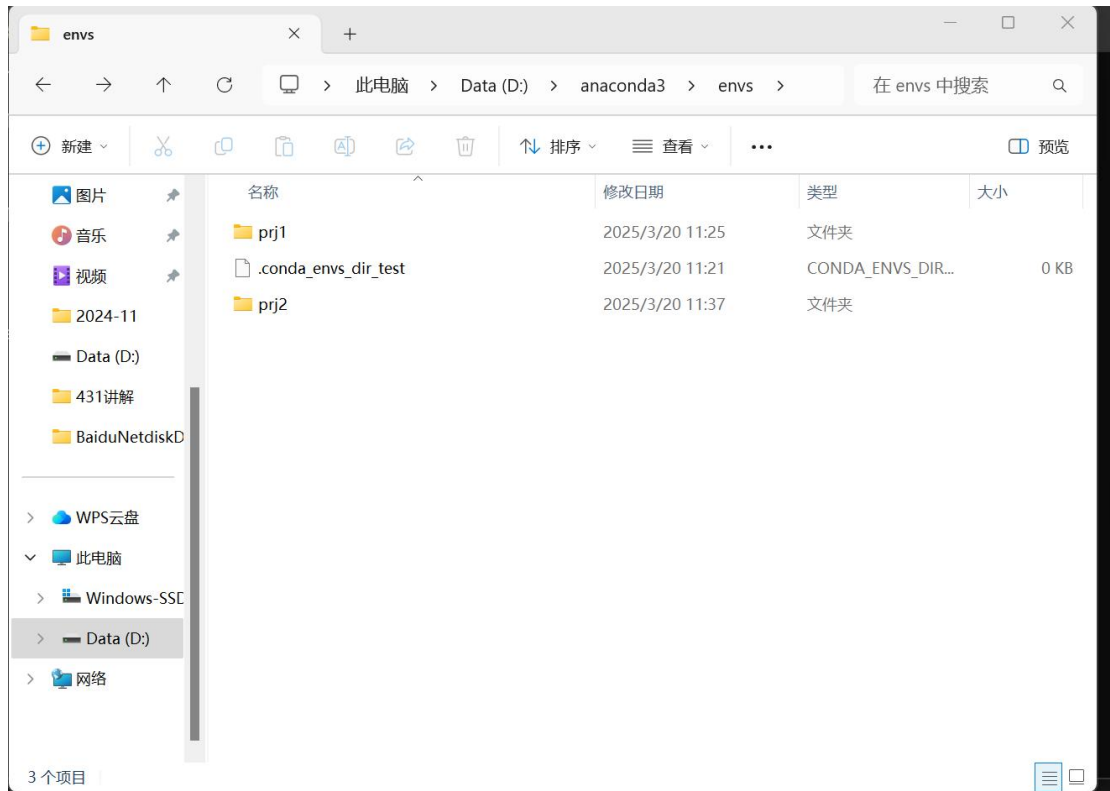
(base) Lenovo@DESKTOP-6V3IN2H MINGW64 ~
$ conda env list
# conda environments:
#
C:\Users\Lenovo\anaconda3
D:\Users
* D:\anaconda3

(base) Lenovo@DESKTOP-6V3IN2H MINGW64 ~
$
```

使用 `conda create` 命令创建两个 Conda 环境，安装两个 python 安装包，此图片为在安装中遇到的问题

```
MINGW64/c/Users/Lenovo x + v - □ ×
(base) Lenovo@DESKTOP-6V3IN2H MINGW64 ~
$ conda create -n prj1 python=3.12 requests
Channels:
- defaults
Platform: win-64
Collecting package metadata (repodata.json): done
Solving environment: failed
PackagesNotNotFoundError: The following packages are not available from current channels:
- python=3.12*
Current channels:
- https://repo.anaconda.com/pkgs/main
- https://repo.anaconda.com/pkgs/r
- https://repo.anaconda.com/pkgs/msys2
To search for alternate channels that may provide the conda package you're
looking for, navigate to
https://anaconda.org
and use the search bar at the top of the page.

(base) Lenovo@DESKTOP-6V3IN2H MINGW64 ~
$
```



使用 `conda install` 命令往 Conda 环境里安装更多的软件包，并验证版本

```
idna                3.7                py312haa95532_0
ipython              8.30.0             py312haa95532_0
jedi                 0.19.2             py312haa95532_0
```

根据文档，配置 Anaconda 清华镜像，加快 `conda install` 安装软件包的速度，将 `conda-forge` 设置为默认 Channel，让 `conda install` 能够安装更多的软件包。

