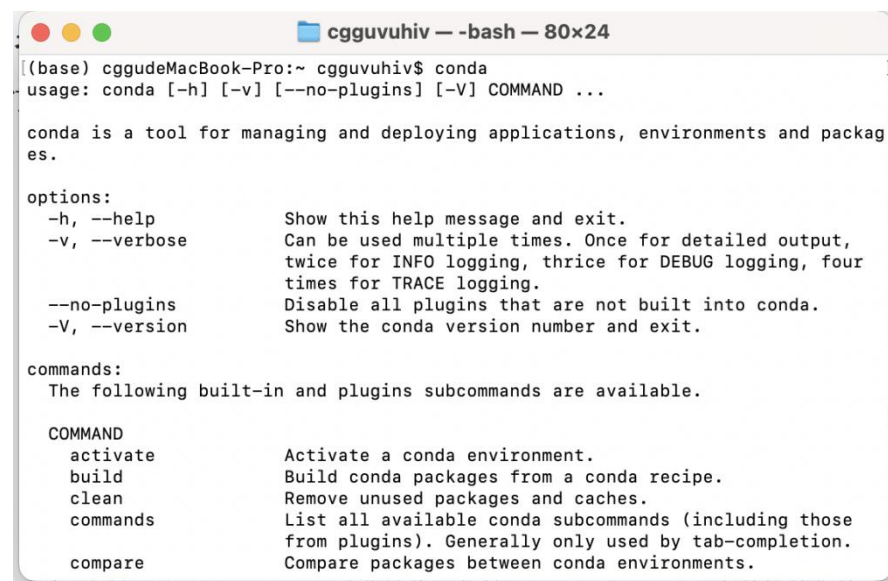


1. 找到 conda



```
cgguvuhiv -- -bash -- 80x24
[(base) cgguMacBook-Pro:~ cgguvuhiv$ conda
usage: conda [-h] [-v] [--no-plugins] [-V] COMMAND ...

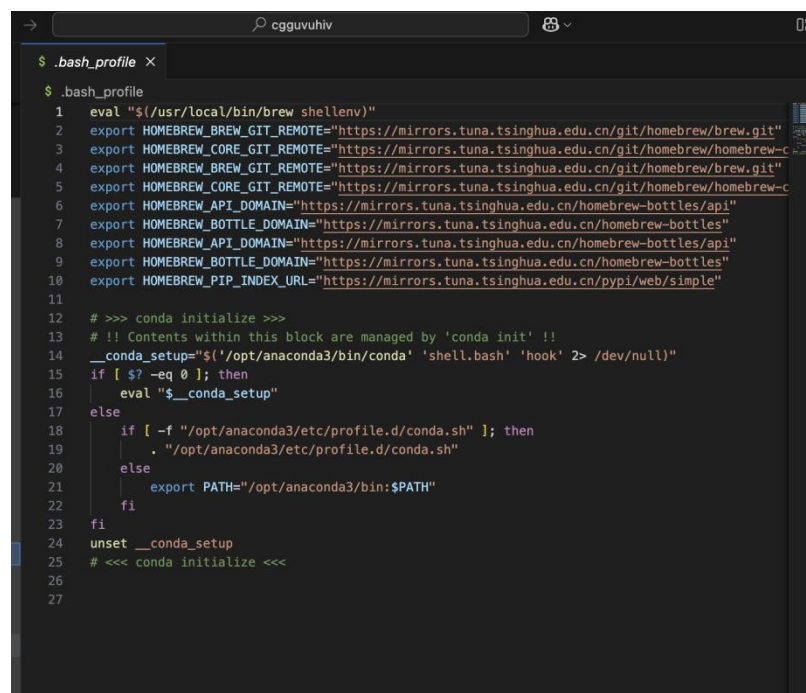
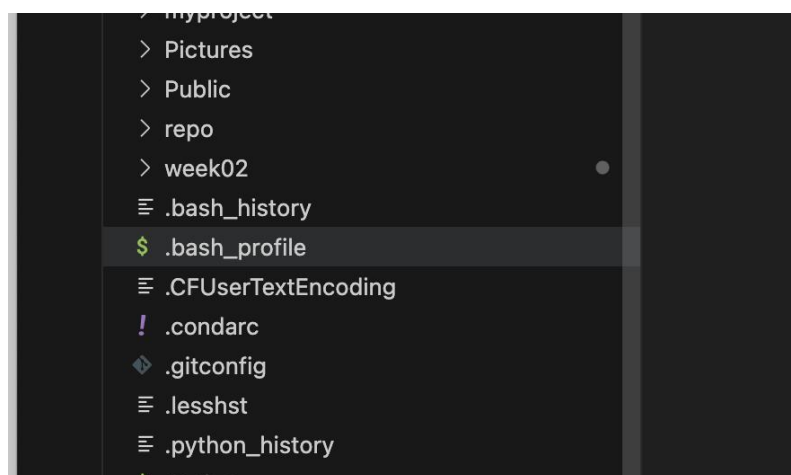
conda is a tool for managing and deploying applications, environments and packages.

options:
  -h, --help            Show this help message and exit.
  -v, --verbose          Can be used multiple times. Once for detailed output,
                        twice for INFO logging, thrice for DEBUG logging, four
                        times for TRACE logging.
  --no-plugins          Disable all plugins that are not built into conda.
  -V, --version          Show the conda version number and exit.

commands:
  The following built-in and plugins subcommands are available.

COMMAND
  activate              Activate a conda environment.
  build                 Build conda packages from a conda recipe.
  clean                 Remove unused packages and caches.
  commands              List all available conda subcommands (including those
                        from plugins). Generally only used by tab-completion.
  compare               Compare packages between conda environments.
```

2. 找到 bash



```
cgguvuhiv
$.bash_profile
$.bash_profile
1 eval "$(/usr/local/bin/brew shellenv)"
2 export HOMEBREW_BREW_GIT_REMOTE="https://mirrors.tuna.tsinghua.edu.cn/git/homebrew/brew.git"
3 export HOMEBREW_CORE_GIT_REMOTE="https://mirrors.tuna.tsinghua.edu.cn/git/homebrew/homebrew-c
4 export HOMEBREW_BREW_GIT_REMOTE="https://mirrors.tuna.tsinghua.edu.cn/git/homebrew/brew.git"
5 export HOMEBREW_CORE_GIT_REMOTE="https://mirrors.tuna.tsinghua.edu.cn/git/homebrew/homebrew-c
6 export HOMEBREW_API_DOMAIN="https://mirrors.tuna.tsinghua.edu.cn/homebrew-bottles/api"
7 export HOMEBREW_BOTTLE_DOMAIN="https://mirrors.tuna.tsinghua.edu.cn/homebrew-bottles"
8 export HOMEBREW_API_DOMAIN="https://mirrors.tuna.tsinghua.edu.cn/homebrew-bottles/api"
9 export HOMEBREW_BOTTLE_DOMAIN="https://mirrors.tuna.tsinghua.edu.cn/homebrew-bottles"
10 export HOMEBREW_PIP_INDEX_URL="https://mirrors.tuna.tsinghua.edu.cn/pypi/web/simple"
11
12 # >>> conda initialize >>>
13 # !! Contents within this block are managed by 'conda init' !!
14 __conda_setup="$('/opt/anaconda3/bin/conda' 'shell.bash' 'hook' 2> /dev/null)"
15 if [ $? -eq 0 ]; then
16     eval "$__conda_setup"
17 else
18     if [ -f "/opt/anaconda3/etc/profile.d/conda.sh" ]; then
19         . "/opt/anaconda3/etc/profile.d/conda.sh"
20     else
21         export PATH="/opt/anaconda3/bin:$PATH"
22     fi
23 fi
24 unset __conda_setup
25 # <<< conda initialize <<<
26
27
```

3. 用豆包查了一下

这是一段关于用户或系统相关配置信息的描述，各部分含义如下：

- `UID:GID : 501:20`
 - `UID`是“User IDentification”的缩写，即用户标识符。这里的501表示特定用户在系统中的唯一标识号码。
 - `GID`是“Group IDentification”的缩写，即组标识符。20代表该用户所属的组在系统中的唯一标识号码。这表明用户属于一个特定的用户组，组内的用户通常具有相似的权限和访问级别。
- `netrc file : None`
 - `netrc`文件是用于存储与网络连接相关的认证信息（如用户名、密码等）的文件。这里显示None，表示当前用户或系统没有使用特定的`netrc`文件来管理网络连接的认证信息。
- `offline mode : False`
 - 表示当前系统或应用程序的离线模式状态为False，即不是处于离线模式。这意味着该系统或程序当前能够连接到网络，可进行网络相关的操作，如访问互联网资源、与远程服务器通信等。如果是True，则表示处于离线模式，此时可能无法进行网络连接或某些依赖网络的功能将受到限制。

4. 查看名称和路径

```
[(base) cggudeMacBook-Pro:~ cgguvuhiv$ conda env list

# conda environments:
#
base                  * /opt/anaconda3

(base) cggudeMacBook-Pro:~ cgguvuhiv$
```

5. 安装 python3.12

```
cgguvuhiv — python • conda create -n prj1 python=3.12 requests — 80x24
Channels:
- defaults
Platform: osx-64
Collecting package metadata (repodata.json): done
Solving environment: done

## Package Plan ##

environment location: /opt/anaconda3/envs/prj1

added / updated specs:
- python=3.12
- requests

The following packages will be downloaded:
```

package	build	
-----	-----	
brotli-python-1.0.9	py312h6d0c2b6_9	384 KB
expat-2.6.4	h6d0c2b6_0	150 KB
pip-25.0	py312hecd8cb5_0	2.8 MB
python-3.12.9	hcd54a6c_0	14.1 MB
requests-2.32.3	py312hecd8cb5_1	124 KB

6. 是否激活

```
Proceed ([y]/n)?

Downloading and Extracting Packages:

Preparing transaction: done
Verifying transaction: done
Executing transaction: done
#
# To activate this environment, use
#
#     $ conda activate prj1
#
# To deactivate an active environment, use
#
#     $ conda deactivate

(base) cggudeMacBook-Pro:~ cgguvuhiv$
```

7. 安装 python3.9

```
cgguvuhiv -- -bash -- 80x24

xz                pkgs/main/osx-64::xz-5.6.4-h46256e1_1
zlib              pkgs/main/osx-64::zlib-1.2.13-h4b97444_1

Proceed ([y]/n)?

Downloading and Extracting Packages:

Preparing transaction: done
Verifying transaction: done
Executing transaction: done
#
# To activate this environment, use
#
#     $ conda activate prj2
#
# To deactivate an active environment, use
#
#     $ conda deactivate

(base) cggudeMacBook-Pro:~ cgguvuhiv$
```

8. 切换 python

```
cgguvuhiv -- python -- 80x24

#     $ conda activate prj2
#
# To deactivate an active environment, use
#
#     $ conda deactivate

[(base) cggudeMacBook-Pro:~ cgguvuhiv$ conda env list

# conda environments:
#
base                * /opt/anaconda3
prj1                /opt/anaconda3/envs/prj1
prj2                /opt/anaconda3/envs/prj2

[(base) cggudeMacBook-Pro:~ cgguvuhiv$ conda activate prj1
[(prj1) cggudeMacBook-Pro:~ cgguvuhiv$ which python
/opt/anaconda3/envs/prj1/bin/python
[(prj1) cggudeMacBook-Pro:~ cgguvuhiv$ python --version
Python 3.12.9
[(prj1) cggudeMacBook-Pro:~ cgguvuhiv$ python
Python 3.12.9 | packaged by Anaconda, Inc. | (main, Feb  6 2025, 13:04:33) [Clan
g 14.0.6 ] on darwin
Type "help", "copyright", "credits" or "license" for more information.
>>>
```

9. 查看 pandas、statsmodels

```
cgguvuhiv — -bash — 80x24
File "<stdin>", line 1, in <module>
ModuleNotFoundError: No module named 'requests'
[>>> import pandas
pandas.__file__
>>> pandas.__file__
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
NameError: name 'pandas' is not defined
>>> pandas.__file__
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
NameError: name 'pandas' is not defined
[>>> import pandas
[>>> pandas.__file__
'/opt/anaconda3/envs/prj2/lib/python3.9/site-packages/pandas/__init__.py'
[>>> pandas.__version__
'2.2.3'
[>>> import statsmodels
^[[A
[>>> import statsmodels
[>>> statsmodels.__version__
'0.14.4'
[>>> quit()
(prj2) cgguvuhiv$
```

9. conda install 安装

10. Conda list 查看版本

11. conda-forge 是一个由社区驱动的、用于 conda 包管理器的包仓库。下面为你详细介绍它：核心功能:丰富的软件包资源: conda-forge 中有着大量的软件包，涵盖科学计算、数据科学、机器学习、深度学习等多个领域。例如, numpy、pandas、scikit-learn 等常用的 Python 库，都可以在 conda-forge 中找到。跨平台兼容性: 它支持多种操作系统，如 Windows、macOS 和 Linux。这意味着无论你使用哪种操作系统，都可以从 conda-forge 获取所需的软件包。版本更新及时: 社区积极维护和更新软件包，使得用户能够及时获取到最新版本的软件包及其修复补丁。与 Anaconda 官方仓库的差异,社区驱动: conda-forge 是由社区驱动的项目，众多开发者共同参与软件包的维护和更新。而 Anaconda 官方仓库由 Anaconda 公司维护，主要关注商业和常用的科学计算软件包。软件包范围: conda-forge 提供的软件包范围更广，包含了许多官方仓库中没有的小众或新兴的软件包。更新频率: 由于社区的活跃性，conda-forge 的软件包更新通常比官方仓库更及时。

12. 安装 PYPI

```

Users > cgguvuhiv > Library > Application Support > Code > User > {} settings.json > {} notebook.codeActionsOnSave
1  {
2    "workbench.startupEditor": "none"
3    "workbench.colorTheme": "Visual Studio Dark",
4    "[python]": {
5      "editor.formatOnSave": true,
6      "editor.codeActionsOnSave": {
7        "source.fixAll": "explicit",
8        "source.organizeImports": "explicit"
9      },
10   "editor.defaultFormatter": "charliermarsh.ruff"
11   },
12   "notebook.formatOnSave.enabled": true,
13   "notebook.codeActionsOnSave": {
14     "notebook.source.fixAll": "explicit",
15     "notebook.source.organizeImports": "explicit"
16   }
17
18 }

```

```

Downloading pip-25.0.1-py3-none-any.whl (1.8 MB)
1.8/1.8 MB 1.0 MB/s eta 0:00:00
Installing collected packages: pip
  Attempting uninstall: pip
    Found existing installation: pip 25.0
    Uninstalling pip-25.0:
      Successfully uninstalled pip-25.0
    Successfully installed pip-25.0.1
[(prj1) cggudeMacBook-Pro:~ cgguvuhiv$ pip config set global.index-url https://mirrors.tuna.tsinghua.edu.cn/pypi/web/simple
Writing to /Users/cgguvuhiv/.config/pip/pip.conf
(prj1) cggudeMacBook-Pro:~ cgguvuhiv$

```

13. 安装 ruff