

《Conda 的问题》

问题

请参阅此链接:[https://www.reddit.com/r/MachineLearning/comments/myl8yn/d_is_anaconda_worth_the_trouble/](https://www.reddit.com/r/MachineLearning/comments/myl8yn/d_is_anaconda_worth_the_trouble/)

我遇到了 conda 的问题，其他人也讨论过类似的问题。

随着时间的推移，你会对不同的环境设置失去意识。所以，我不得不删除其他环境。现在，我主要使用 Python 3.10.9，偶尔使用 Python 3.11.11。然而，我甚至很少使用 Python 3.11.11。个人来说，我不需要太多的环境。我只需要一个或两个来运行我当前正在研究或学习的内容。

我更喜欢一个简单的解决方案。如果我有两个相互冲突的项目，我宁愿使用一个，放弃运行另一个。

例如，遇到以下问题真是麻烦：

```
conda config --set proxy_servers.http $HTTP_PROXY
conda config --set proxy_servers.https $HTTP_PROXY
```

尽管最初设置 conda 的代理似乎加快了速度，但我最终决定删除它。

删除

```
rm -rf ~/anaconda3
rm -rf ~/.condarc
rm -rf ~/Library/Caches/pip
# 更新 ~/.zprofile
# 更新 ~/.bash_profile

~/.bash_profile:

# >>> conda initialize >>>
# !! 此块内容由 'conda init' 管理 !!
__conda_setup="$(/Users/lzwjava/anaconda3/bin/conda 'shell.bash' 'hook' 2> /dev/null)"
if [ $? -eq 0 ]; then
    eval "$__conda_setup"
else
    if [ -f "/Users/lzwjava/anaconda3/etc/profile.d/conda.sh" ]; then
        . "/Users/lzwjava/anaconda3/etc/profile.d/conda.sh"
    else
        export PATH="/Users/lzwjava/anaconda3/bin:$PATH"
    fi
fi
```

```
unset __conda_setup
# <<< conda initialize <<<
```

但仍然显示：

```
% which conda
conda () {
    \local cmd="${1-__missing__}"
    case "$cmd" in
        (activate | deactivate) __conda_activate "$@" ;;
        (install | update | upgrade | remove | uninstall) __conda_exe "$@" || \return
            __conda_reactivate ;;
        (*) __conda_exe "$@" ;;
    esac
}
```

重启 iTerm2 后，我决定切换到 Homebrew 的 Python 安装。看起来我的电脑上有多个 Python 安装，我已经有六个，如下所示。

- ~/Library/Python/3.9
- ~/Library/Python/3.11
- /opt/homebrew/lib/python3.11
- /opt/homebrew/lib/python3.12
- /opt/homebrew/lib/python3.13
- /opt/homebrew/lib/python3.9

日志

“ ‘bash - defaults/osx-arm64::markdown==3.4.1=py310hca03da5_0 - defaults/osx-arm64::numpydoc==1.5.0=py310hca03da5_0 - defaults/noarch::tldextract==3.2.0=pyhd3eb1b0_0 failed with initial frozen solve. Retrying with flexible solve. Solving environment: failed with repodata from current_repodata.json, will retry with next repodata source. Collecting package metadata (repodata.json): / WARNING conda.models.version:get_matcher(546): Using .* with relational operator is superfluous and deprecated and will be removed in a future version of conda. Your spec was 1.8.0., but conda is ignoring the . and treating it as 1.8.0 WARNING conda.models.version:get_matcher(546): Using .* with relational operator is superfluous and deprecated and will be removed in a future version of conda. Your spec was 1.9.0., but conda is ignoring the . and treating it as 1.9.0 done Solving environment: / The environment is inconsistent, please check the package plan carefully The following packages are causing the inconsistency:

- defaults/osx-arm64::tabulate==0.8.10=py310hca03da5_0
- defaults/osx-arm64::cymem==2.0.6=py310hc377ac9_0
- defaults/noarch::conda-pack==0.6.0=pyhd3eb1b0_0 # ...

- defaults/noarch::pandocfilters==1.5.0=pyhd3eb1b0_0
- defaults/osx-arm64::markdown==3.4.1=py310hca03da5_0
- defaults/osx-arm64::numpydoc==1.5.0=py310hca03da5_0
- defaults/noarch::tldextract==3.2.0=pyhd3eb1b0_0 -/ ^R

```

/
• /
•
done

```

==> WARNING: A newer version of conda exists. <== current version: 23.3.1 latest version: 25.1.1

请通过运行以下命令更新 conda：

```
$ conda update -n base -c defaults conda
```

或者，为了在 conda 更新时最小化更新的软件包数量，使用

```
conda install conda=25.1.1
```

包计划

环境位置: /Users/lzwjava/anaconda3

添加/更新规格: - ipykernel

将下载以下软件包：

包名	构建		
attrs-25.1.0	pyh71513ae_0	55 KB	conda-forge
bcrypt-3.2.0	py310h80987f9_2	37 KB	
ca-certificates-2025.1.31	hf0a4a13_0	155 KB	conda-forge
certifi-2024.12.14	pyhd8ed1ab_0	158 KB	conda-forge
charset-normalizer-2.1.1	pyhd8ed1ab_0	36 KB	conda-forge
click-8.1.8	pyh707e725_0	83 KB	conda-forge
fsspec-2024.12.0	pyhd8ed1ab_0	135 KB	conda-forge
huggingface_hub-0.27.1	pyhd8ed1ab_0	272 KB	conda-forge
jinja2-3.1.5	pyhd8ed1ab_0	110 KB	conda-forge
jsonpatch-1.33	pyhd8ed1ab_1	17 KB	conda-forge
pandas-2.1.4	py310h46d7db6_0	11.8 MB	
pyjwt-2.10.1	pyhd8ed1ab_0	25 KB	conda-forge
pyrsistent-0.20.0	py310h80987f9_1	100 KB	

python-tzdata-2025.1		pyhd8ed1ab_0	140 KB	conda-forge
pytz-2025.1		pyhd8ed1ab_0	182 KB	conda-forge
pyyaml-6.0.2		py310h80987f9_0	176 KB	
sniffio-1.3.1		pyhd8ed1ab_1	15 KB	conda-forge
tenacity-9.0.0		pyhd8ed1ab_1	24 KB	conda-forge
tokenizers-0.13.2		py310h3dd52b7_1	2.9 MB	
tqdm-4.67.1		pyhd8ed1ab_1	87 KB	conda-forge
websocket-client-1.8.0		pyhd8ed1ab_1	46 KB	conda-forge

总计: 16.6 MB

将安装以下新软件包:

attrs conda-forge/noarch::attrs-25.1.0-pyh71513ae_0 bcrypt pkgs/main/osx-arm64::bcrypt-3.2.0-py310h80987f9_2
certifi conda-forge/noarch::certifi-2024.12.14-pyhd8ed1ab_0 charset-normalizer conda-forge/noarch::charset-normalizer-2.1.1-pyhd8ed1ab_0 click conda-forge/noarch::click-8.1.8-pyh707e725_0 fsspec conda-forge/noarch::fsspec-2024.12.0-pyhd8ed1ab_0 huggingface_hub conda-forge/noarch::huggingface_hub-0.27.1-pyhd8ed1ab_0 importlib-metadata pkgs/main/osx-arm64::importlib-metadata-4.11.3-py310hca03da5_0 jinja2 conda-forge/noarch::jinja2-3.1.5-pyhd8ed1ab_0 jsonpatch conda-forge/noarch::jsonpatch-1.33-pyhd8ed1ab_1 pandas pkgs/main/osx-arm64::pandas-2.1.4-py310h46d7db6_0 pyjwt conda-forge/noarch::pyjwt-2.10.1-pyhd8ed1ab_0 pyrsistent pkgs/main/osx-arm64::pyrsistent-0.20.0-py310h80987f9_1 python-tzdata conda-forge/noarch::python-tzdata-2025.1-pyhd8ed1ab_0
pytz conda-forge/noarch::pytz-2025.1-pyhd8ed1ab_0 pyyaml pkgs/main/osx-arm64::pyyaml-6.0.2-py310h80987f9_0
sniffio conda-forge/noarch::sniffio-1.3.1-pyhd8ed1ab_1 tenacity conda-forge/noarch::tenacity-9.0.0-pyhd8ed1ab_1
tokenizers pkgs/main/osx-arm64::tokenizers-0.13.2-py310h3dd52b7_1 tqdm conda-forge/noarch::tqdm-4.67.1-pyhd8ed1ab_1 typer conda-forge/noarch::typer-0.7.0-pyhd8ed1ab_0 typing_extensions conda-forge/noarch::typing_extensions-4.7.1-pyha770c72_0 urllib3 conda-forge/noarch::urllib3-1.26.15-pyhd8ed1ab_0 websocket-client conda-forge/noarch::websocket-client-1.8.0-pyhd8ed1ab_1

将更新以下软件包:

ca-certificates 2023.7.22-hf0a4a13_0 -> 2025.1.31-hf0a4a13_0 openssl 1.1.1u-h53f4e23_0 -> 1.1.1w-h53f4e23_0

继续 ([y]/n)?

下载并提取软件包

准备事务: 完成 验证事务: 失败

RemoveError: 'jsonpatch' 是 conda 的依赖项, 不能从 conda 的操作环境中删除。RemoveError: 'tqdm' 是 conda 的依赖项, 不能从 conda 的操作环境中删除。