环境

- win10
- Python 3.8.3 (default, Jul 2 2020, 17:30:36) [MSC v.1916 64 bit (AMD64)] :: Anaconda, Inc. on win32
- Anaconda

安装步骤

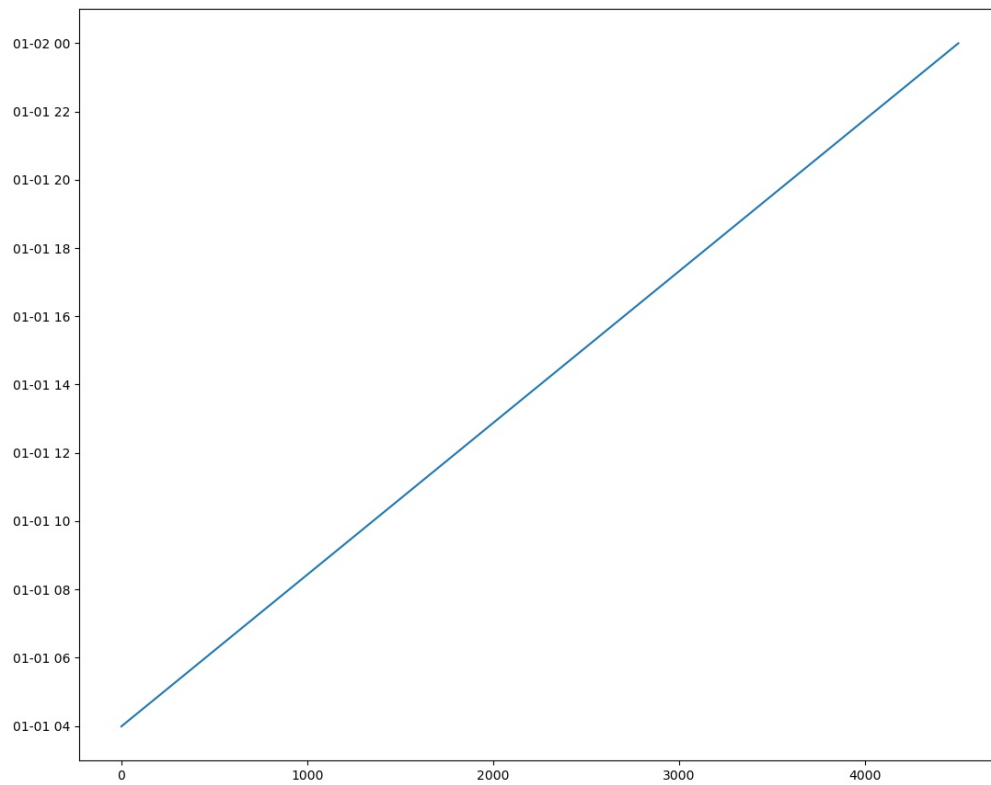- 安装Anaconda3（Python3.8.3）
- 打开Anaconda Prompt（命令行），联网情况下运行命令

```
pip install spacepy
```

- 安装 NASA CDF library（根据需要下载自己用的版本）
  - cdf37_1_0-setup-64.exe
- Spyder 测试代码,图片为展示结果

```python
import spacepy.pycdf as spy
import numpy as np
import matplotlib.pyplot as plt

fileName = r'C:\Users\admin\Desktop\CDF_File\mms1_dsp_slow_l2_bpsd_20200101_v2.2.0.cdf'
cdf_data = spy.CDF(fileName);
x = np.zeros(len(cdf_data['Epoch']));
for i in range(len(cdf_data['Epoch'])):
    x[i] = i
plt.plot(x,cdf_data['Epoch'])
```

相关链接

- Anaconda
- https://spacepy.github.io/install_windows.html#dependencies-via-conda
- https://spacepy.github.io/install_windows.html#fortran-and-ffnet
- https://stackoverflow.com/questions/56495234/how-to-read-cdf-file-with-python-on-mac

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