離線安裝python 和pip

https://medium.com/@CCstruggled/python-安裝-pip-於-windows-或-centos-線上-離線安裝-pip-101-fb6d8e3c611b

`pip install`**`/path/to/your/wheel/file`**

安裝python3前

yum -y install zlib-devel bzip2-devel openssl-devel ncurses-devel sqlite-devel readline-devel tk-devel gdbm-devel db4-devel libpcap-devel xz-devel libffi-devel

yum -y install lapack-devel

jpeg套件也要裝

裝Python-3.8.2.tar.xz

　　configure --prefix /home/hochin/pythin CPPFLAGS="-I/home/hochin/python/include" LDFLAGS="-L/home/hochin/python/lib

　　make && make install

裝setuptools_scm-3.5.0

　　python3 setup.py install

裝Cython-0.29.15

裝numpy

裝pandas

裝pilow

裝six

裝pyshp

裝geos的套件

　　./configure --prefix=/home/hochin/python

裝Shapely

裝python-dateutil

裝pyparsing

裝kiwisolver

裝cycler

裝matplotlib

裝pyhdf-0.10.2（注意: hdf 4的函式庫要先裝，並且要是shared)

裝sqlite3

裝proj 6.2.1

  ./configure --prefix=/home/hochin/python SQLITE3_LIBS="-L/home/hochin/python/lib -lsqlite3"

裝pyproj

裝pyyaml

裝pykdtree

裝configobj

裝pyresample

~~裝pybind11~~

~~修改 ../pybind11-2.4.3/pybind11/__init__.py 最後一行~~

~~#return os.paty.dirname(dis_cobj.install_headers)~~

~~return '/data/hochin/pybind11-2.3.4/include'~~

裝pybind11 2.5.0

裝pytz

裝aggdraw

裝pycoast

裝pkgconfig

裝h5py

  python3 setup.py configure --hdf5=/home/hochin/python #要先裝好hdf5的函式庫

  python3 setup.py install

裝cftime

裝netcdf函式庫

  LDFLAGS=-L/home/hohcin/python/lib CPPFLAGS=-I/home/hochin/python/include

configure --prefix=/home/hochin/python

  make

  make install

裝netcdf

  export HDF5_DIR=/home/hochin/python

  python3 setup.py install

裝scipyls

裝cartopy（0.18版）