lmr\_py3 conda list LINUX

deepda conda list MacOS

(lmr\_py3) mul450@E2-GSC-DKDT071:/mnt/c/Users/mul450/Dropbox/git/cgenie.muffin$ conda list # packages in environment at /home/mul450/miniconda3/envs/lmr\_py3: # # Name Version Build Channel \_libgcc\_mutex 0.1 main appdirs 1.4.3 py\_1 conda-forge asn1crypto 1.3.0 py36\_0 atomicwrites 1.3.0 py36\_1 attrs 19.3.0 py\_0 backcall 0.1.0 py36\_0 basemap 1.2.0 py36h705c2d8\_0 bayfox 0.0.1a3 py36h39e3cac\_0 sbmalev baymagpy 0.0.1a4 dev\_0 <develop> baysparpy 0.0.4 pypi\_0 pypi baysplinepy 0.0.2 pyh39e3cac\_0 sbmalev binutils\_impl\_linux-64 2.31.1 h6176602\_1 binutils\_linux-64 2.31.1 h6176602\_9 blas 1.0 mkl bleach 3.1.0 py36\_0 blosc 1.16.3 hd408876\_0 bokeh 2.0.1 py36h9f0ad1d\_0 conda-forge bzip2 1.0.8 h7b6447c\_0 ca-certificates 2020.7.22 0 cartopy 0.16.0 py36hfa13621\_0 certifi 2020.6.20 py36\_0 cffi 1.14.0 py36h2e261b9\_0 cftime 1.0.4.2 py36hdd07704\_0 chardet 3.0.4 py36\_1003 click 7.1.2 pyh9f0ad1d\_0 conda-forge cloudpickle 1.4.1 py\_0 conda-forge contextvars 2.4 py\_0 conda-forge cryptography 2.8 py36h1ba5d50\_0 curl 7.69.1 hbc83047\_0 cycler 0.10.0 py36\_0 cytoolz 0.10.1 py36h516909a\_0 conda-forge dask 2.16.0 py\_0 conda-forge dask-core 2.16.0 py\_0 conda-forge dbus 1.13.12 h746ee38\_0 decorator 4.4.2 py\_0 defusedxml 0.6.0 py\_0 deltaoxfox 0.0.1a4 py36h39e3cac\_0 sbmalev distributed 2.16.0 py36h9f0ad1d\_0 conda-forge entrypoints 0.3 py36\_0 esmf 7.1.0r ha678704\_2 conda-forge esmpy 7.1.0 py36h5ca1d4c\_3 conda-forge et\_xmlfile 1.0.1 py\_1001 expat 2.2.6 he6710b0\_0 fontconfig 2.13.0 h9420a91\_0 freetype 2.9.1 h8a8886c\_1 fsspec 0.7.3 py\_0 conda-forge gcc\_impl\_linux-64 7.3.0 habb00fd\_1 gcc\_linux-64 7.3.0 h553295d\_9 geos 3.6.2 heeff764\_2 glib 2.63.1 h5a9c865\_0 gmp 6.1.2 h6c8ec71\_1 gst-plugins-base 1.14.0 hbbd80ab\_1 gstreamer 1.14.0 hb453b48\_1 gxx\_impl\_linux-64 7.3.0 hdf63c60\_1 gxx\_linux-64 7.3.0 h553295d\_9 h5py 2.8.0 py36h989c5e5\_3 hdf4 4.2.13 h3ca952b\_2 hdf5 1.10.2 hba1933b\_1 heapdict 1.0.1 py\_0 conda-forge icu 58.2 h9c2bf20\_1 idna 2.9 py\_1 immutables 0.12 py36h8c4c3a4\_0 conda-forge importlib\_metadata 1.5.0 py36\_0 intel-openmp 2019.4 243 ipykernel 5.1.4 py36h39e3cac\_0 ipython 7.14.0 py36h9f0ad1d\_0 conda-forge ipython\_genutils 0.2.0 py36\_0 ipywidgets 7.5.1 py\_0 conda-forge jdcal 1.4.1 py\_0 jedi 0.16.0 py36\_0 jinja2 2.11.1 py\_0 joblib 0.12.5 py36\_0 jpeg 9b h024ee3a\_2 json5 0.9.2 py\_0 jsonschema 3.2.0 py36\_0 jupyter\_client 6.0.0 py\_0 jupyter\_core 4.6.1 py36\_0 jupyterlab 1.1.4 pyhf63ae98\_0 jupyterlab\_server 1.0.7 py\_0 kiwisolver 1.1.0 py36he6710b0\_0 krb5 1.17.1 h173b8e3\_0 libcurl 7.69.1 h20c2e04\_0 libedit 3.1.20181209 hc058e9b\_0 libffi 3.2.1 hd88cf55\_4 libgcc-ng 9.1.0 hdf63c60\_0 libgfortran 3.0.0 1 conda-forge libgfortran-ng 7.3.0 hdf63c60\_0 libgpuarray 0.7.6 h14c3975\_0 libllvm8 8.0.1 hc9558a2\_0 conda-forge libnetcdf 4.6.1 h10edf3e\_2 libpng 1.6.37 hbc83047\_0 libsodium 1.0.16 h1bed415\_0 libssh2 1.9.0 h1ba5d50\_1 libstdcxx-ng 9.1.0 hdf63c60\_0 libtiff 4.1.0 h2733197\_0 libuuid 1.0.3 h1bed415\_2 libxcb 1.13 h1bed415\_1 libxml2 2.9.9 hea5a465\_1 libxslt 1.1.33 h7d1a2b0\_0 llvmlite 0.31.0 py36hfa65bc7\_1 conda-forge locket 0.2.0 py\_2 conda-forge lxml 4.5.0 py36hefd8a0e\_0 lz4-c 1.8.1.2 h14c3975\_0 lzo 2.10 h49e0be7\_2 mako 1.1.2 py\_0 markupsafe 1.1.1 py36h7b6447c\_0 matplotlib 3.1.0 py36h5429711\_0 mistune 0.8.4 py36h7b6447c\_0 mkl 2019.4 243 mkl-service 2.3.0 py36he904b0f\_0 mkl\_fft 1.0.15 py36ha843d7b\_0 mkl\_random 1.1.0 py36hd6b4f25\_0 more-itertools 8.2.0 py\_0 mpi 1.0 mpich mpich 3.2.1 hf39692e\_8 msgpack-python 1.0.0 py36hdb11119\_1 conda-forge nbconvert 5.6.1 py36\_0 nbformat 5.0.4 py\_0 ncurses 6.2 he6710b0\_0 netcdf-fortran 4.4.4 h4363f12\_9 conda-forge netcdf4 1.4.0 py36ha06eab4\_1 notebook 6.0.3 py36\_0 numba 0.48.0 py36hb3f55d8\_0 conda-forge numexpr 2.7.1 py36h423224d\_0 numpy 1.15.4 py36h7e9f1db\_0 numpy-base 1.15.4 py36hde5b4d6\_0 olefile 0.46 py36\_0 openpyxl 3.0.5 py\_0 openssl 1.1.1h h7b6447c\_0 owslib 0.18.0 py\_0 packaging 20.3 py\_0 pandas 0.25.3 py36he6710b0\_0 pandoc 2.2.3.2 0 pandocfilters 1.4.2 py36\_1 parso 0.6.2 py\_0 partd 1.1.0 py\_0 conda-forge patsy 0.5.1 py36\_0 pcre 8.43 he6710b0\_0 pexpect 4.8.0 py36\_0 pickleshare 0.7.5 py36\_0 pillow 7.0.0 py36hb39fc2d\_0 pip 20.0.2 py36\_1 pluggy 0.13.1 py36\_0 pooch 1.1.0 py\_0 conda-forge pop-tools 2020.4.30 py\_0 conda-forge proj4 5.0.1 h14c3975\_0 prometheus\_client 0.7.1 py\_0 prompt-toolkit 3.0.5 py\_0 conda-forge prompt\_toolkit 3.0.3 py\_0 psutil 5.7.0 py36h8c4c3a4\_1 conda-forge ptyprocess 0.6.0 py36\_0 py 1.8.1 py\_0 pycparser 2.20 py\_0 pyepsg 0.4.0 py36\_0 pygments 2.6.1 py\_0 pygpu 0.7.6 py36h035aef0\_0 pymc3 3.6 py36\_0 pyopenssl 19.1.0 py36\_0 pyparsing 2.4.6 py\_0 pyproj 1.9.5.1 py36h7b21b82\_1 pyqt 5.9.2 py36h05f1152\_2 pyrsistent 0.15.7 py36h7b6447c\_0 pyshp 2.1.0 py\_0 pysocks 1.7.1 py36\_0 pyspharm 1.0.9 py36h6091dcd\_1003 conda-forge pytables 3.4.4 py36ha205bf6\_0 pytest 5.0.1 py36\_0 python 3.6.8 h0371630\_0 python-dateutil 2.8.1 py\_0 python\_abi 3.6 1\_cp36m conda-forge pytz 2019.3 py\_0 pyyaml 5.1.1 py36h7b6447c\_0 pyzmq 18.1.1 py36he6710b0\_0 qt 5.9.7 h5867ecd\_1 readline 7.0 h7b6447c\_5 requests 2.23.0 py36\_0 scipy 1.4.1 py36h0b6359f\_0 seaborn 0.10.1 py\_0 send2trash 1.5.0 py36\_0 setuptools 46.0.0 py36\_0 shapely 1.6.4 py36h7ef4460\_0 sip 4.19.8 py36hf484d3e\_0 six 1.14.0 py36\_0 snappy 1.1.7 hbae5bb6\_3 sortedcontainers 2.1.0 py\_0 conda-forge sqlite 3.31.1 h7b6447c\_0 statsmodels 0.10.0 py36hdd07704\_0 tbb 2020.0 hfd86e86\_0 tblib 1.6.0 py\_0 conda-forge terminado 0.8.3 py36\_0 testpath 0.4.4 py\_0 theano 1.0.4 py36hfd86e86\_0 tk 8.6.8 hbc83047\_0 toolz 0.10.0 py\_0 conda-forge tornado 6.0.4 py36h7b6447c\_1 tqdm 4.43.0 py\_0 traitlets 4.3.3 py36\_0 typing\_extensions 3.7.4.2 py\_0 conda-forge urllib3 1.25.8 py36\_0 wcwidth 0.1.8 py\_0 webencodings 0.5.1 py36\_1 wheel 0.34.2 py36\_0 widgetsnbextension 3.5.1 py36\_0 xarray 0.15.0 py\_0 conda-forge xlrd 1.2.0 py36\_0 xz 5.2.4 h14c3975\_4 yaml 0.1.7 had09818\_2 zeromq 4.3.1 he6710b0\_3 zict 2.0.0 py\_0 conda-forge zipp 2.2.0 py\_0 zlib 1.2.11 h7b6447c\_3 zstd 1.3.7 h0b5b093\_0

2021 May

pip install git+https://github.com/mingsongli/baysparpy.git

pip install git+https://github.com/mingsongli/baymagpy.git

(deepda) mingsongli@Mingsongs-MacBook-Pro deepDA % conda list

# packages in environment at /Users/mingsongli/miniconda3/envs/deepda:

#

# Name Version Build Channel

appnope 0.1.0 py36hf537a9a\_0

argon2-cffi 20.1.0 py36haf1e3a3\_1

async\_generator 1.10 py36h28b3542\_0

attrs 20.2.0 py\_0

backcall 0.2.0 py\_0

basemap 1.3.0 py36hc4b8d57\_0 anaconda

bayfox 0.0.1a3 py36h39e3cac\_0 sbmalev

baymagpy 0.0.1a4 pypi\_0 pypi

baysparpy 0.0.4 pypi\_0 pypi

blas 1.0 mkl

bleach 3.2.1 py\_0

blosc 1.20.1 hab81aa3\_0

brotlipy 0.7.0 py36haf1e3a3\_1000

bzip2 1.0.8 h1de35cc\_0

ca-certificates 2020.10.14 0

cartopy 0.18.0 py36hc4b8d57\_0

certifi 2020.6.20 pyhd3eb1b0\_3

cffi 1.14.3 py36hed5b41f\_0

cftime 1.2.1 py36hf1fa96c\_0

chardet 3.0.4 py36\_1003

cryptography 3.1.1 py36hddc9c9b\_0

curl 7.71.1 hb0a8c7a\_1

cycler 0.10.0 py36hfc81398\_0

decorator 4.4.2 py\_0

defusedxml 0.6.0 py\_0

entrypoints 0.3 py36\_0

freetype 2.10.4 ha233b18\_0

geos 3.8.0 hb1e8313\_0

h5py 2.8.0 py36h878fce3\_3

hdf4 4.2.13 h39711bb\_2

hdf5 1.10.2 hfa1e0ec\_1

idna 2.10 py\_0

importlib-metadata 2.0.0 py\_1

importlib\_metadata 2.0.0 1

intel-openmp 2019.4 233

ipykernel 5.3.4 py36h5ca1d4c\_0

ipython 7.16.1 py36h5ca1d4c\_0

ipython\_genutils 0.2.0 py36\_0

jedi 0.17.2 py36\_0

jinja2 2.11.2 py\_0

jpeg 9b he5867d9\_2

json5 0.9.5 py\_0

jsonschema 3.2.0 py\_2

jupyter\_client 6.1.7 py\_0

jupyter\_core 4.6.3 py36\_0

jupyterlab 2.2.6 py\_0

jupyterlab\_pygments 0.1.2 py\_0

jupyterlab\_server 1.2.0 py\_0

kiwisolver 1.2.0 pypi\_0 pypi

krb5 1.18.2 h75d18d8\_0

lcms2 2.11 h92f6f08\_0

libcurl 7.71.1 h8a08a2b\_1

libcxx 10.0.0 1

libedit 3.1.20191231 h1de35cc\_1

libffi 3.3 hb1e8313\_2

libgfortran 3.0.1 h93005f0\_2

libnetcdf 4.6.1 h4e6abe9\_2

libpng 1.6.37 ha441bb4\_0

libsodium 1.0.18 h1de35cc\_0

libssh2 1.9.0 ha12b0ac\_1

libtiff 4.1.0 hcb84e12\_1

lz4-c 1.9.2 h79c402e\_3

lzo 2.10 haf1e3a3\_2

markupsafe 1.1.1 py36h1de35cc\_0

matplotlib 3.1.0 py36h54f8f79\_0

matplotlib-base 3.3.2 py36h181983e\_0

mistune 0.8.4 py36h1de35cc\_0

mkl 2019.4 233

mkl-service 2.3.0 py36hfbe908c\_0

mkl\_fft 1.2.0 py36hc64f4ea\_0

mkl\_random 1.1.1 py36h959d312\_0

nbclient 0.5.1 py\_0

nbconvert 6.0.7 py36\_0

nbformat 5.0.8 py\_0

ncurses 6.2 h0a44026\_1

nest-asyncio 1.4.1 py\_0

netcdf4 1.4.0 py36h08833f9\_1

notebook 6.1.4 py36\_0

numexpr 2.7.1 py36hce01a72\_0

numpy 1.15.4 py36hacdab7b\_0

numpy-base 1.15.4 py36h6575580\_0

olefile 0.46 py36\_0

openssl 1.1.1h haf1e3a3\_0

owslib 0.20.0 py\_0

packaging 20.4 py\_0

pandas 0.25.3 py36h0a44026\_0

pandoc 2.11 h0dc7051\_0

pandocfilters 1.4.2 py36\_1

parso 0.7.0 py\_0

pexpect 4.8.0 py36\_0

pickleshare 0.7.5 py36\_0

pillow 7.0.0 py36h4655f20\_0

pip 20.2.4 py36\_0

proj 6.2.1 hfd5b9e3\_0

prometheus\_client 0.8.0 py\_0

prompt-toolkit 3.0.8 py\_0

ptyprocess 0.6.0 py36\_0

pycparser 2.20 py\_2

pyepsg 0.4.0 py36\_0

pygments 2.7.2 pyhd3eb1b0\_0

pykdtree 1.3.1 py36h1d22016\_2

pyopenssl 19.1.0 py\_1

pyparsing 2.4.7 py\_0

pyproj 2.6.1.post1 py36h6d9c95c\_1

pyrsistent 0.17.3 py36haf1e3a3\_0

pyshp 2.1.2 py\_0

pysocks 1.7.1 py36\_0

pytables 3.4.4 py36h13cba08\_0

python 3.6.12 h26836e1\_2

python-dateutil 2.8.1 py\_0

pytz 2020.1 py\_0

pyyaml 5.3.1 py36haf1e3a3\_1

pyzmq 19.0.2 py36hb1e8313\_1

readline 8.0 h1de35cc\_0

requests 2.24.0 py\_0

scipy 1.5.2 py36h912ce22\_0

send2trash 1.5.0 py36\_0

setuptools 50.3.0 py36h0dc7051\_1

shapely 1.7.1 py36hb435bde\_0

six 1.15.0 py\_0

sqlite 3.33.0 hffcf06c\_0

terminado 0.9.1 py36\_0

testpath 0.4.4 py\_0

tk 8.6.10 hb0a8c7a\_0

tornado 6.0.4 py36h1de35cc\_1

tqdm 4.51.0 pypi\_0 pypi

traitlets 4.3.3 py36\_0

urllib3 1.25.11 py\_0

wcwidth 0.2.5 py\_0

webencodings 0.5.1 py36\_1

wheel 0.35.1 py\_0

xarray 0.16.1 pypi\_0 pypi

xz 5.2.5 h1de35cc\_0

yaml 0.2.5 haf1e3a3\_0 anaconda

zeromq 4.3.3 hb1e8313\_3

zipp 3.4.0 pyhd3eb1b0\_0

zlib 1.2.11 h1de35cc\_3

zstd 1.4.5 h41d2c2f\_0