Do not do these:

sudo apt-add-repository ppa:fluidity-core/ppa

sudo apt-get update

sudo apt-get install fluidity-dev

#--------------------------------------

mkdir multifluids\_dev && cd multifluids\_dev && git init && git remote add -t master -f origin [git@github.com:ImperialCollegeLondon/multifluids\_icferst.git](mailto:git@github.com:ImperialCollegeLondon/multifluids_icferst.git) &&

git checkout master

# installation ic-ferst -------------

1. cd multifluids\_dev
2. ./configure –enable-2d-adaptivity
3. make clean
4. make mp
5. make all
6. make fltools

# Do not do these -------------------------------------

- For ~/.bashrc

export PETSC\_DIR=/usr/lib/petscdir/3.8.3

export PYTHONPATH="${PYTHONPATH}:/home/mgk19/multifluids\_dev /python"

export LD\_LIBRARY\_PATH=$LD\_LIBRARY\_PATH:~/multifluids\_dev /libspud

for installing PETSc

make PETSC\_DIR=/Users/sepideh/PETSc/petsc PETSC\_ARCH=arch-darwin-c-debug all

# this gave error

Now to check if the libraries are working do:

make PETSC\_DIR=/Users/sepideh/PETSc/petsc PETSC\_ARCH=arch-darwin-c-debug check