Rocotlib – Quick installation

1) choose package (F77, F90 or C) and copy corresponding directory anywhere on your Linux machine;
   For Windows, you need Msys, Mingw, or equivalent.

2) edit Makefile, choose compiler, and do:

> make clean
> make all
> sh/rocot_example.sh

If all is correct, the example program is run. You can edit it (in src directory) as an example of use.

3) You can run all available programs by running:

> sh/RUN_ALL.sh

If you use for example F90 compiler on a GNU_Linux machine, the following directory will be created:

> out_GNU_Linux_x86_64_gfortran_f90

it is used for comparison between various compiler and machine (see documentation chapter 9)

If you are really in a hurry :

> gfortran -c your_prog.f90

> gfortran -c src/rocotlib_V3p2.f90

> gfortran your_prog.o rocotlib_V3p2.o -o your_prog.exe

> your_prog.exe …. and see the result...