**README Follow-up:**

/usr/bin/mpirun

/usr/local/cubit/bin/cubit

/usr/bin/gout

/usr/bin/python

/usr/bin/xmgrace

**user:~/specfem3d/CUBIT\_GEOCUBIT$ source setpaths.sh**

base directory for GEOCUBIT is /home/user/specfem3d/CUBIT\_GEOCUBIT

checking paths for CUBIT

CUBITHOME =

CUBITDIR =

PYTHONPATH = :/home/user/specfem3d/CUBIT\_GEOCUBIT:/home/user/specfem3d/CUBIT\_GEOCUBIT:/home/user/specfem3d/CUBIT\_GEOCUBIT

LD\_LIBRARY\_PATH = :/usr/local/cubit

PATH = /usr/local/rftncodes/bin:/usr/local/exelis/idl/bin:/usr/lib/gmt/bin:/usr/local/cubit/bin:/usr/local/bin:/usr/bin:/bin:/usr/local/games:/usr/games:/usr/local/sac/bin:/home/user/specfem3d/CUBIT\_GEOCUBIT:/home/user/specfem3d/CUBIT\_GEOCUBIT:/home/user/specfem3d/CUBIT\_GEOCUBIT

setting paths for GEOCUBIT

**user:~/specfem3d$ ./configure FC=gfortran MPIFC=mpif90**

checking build system type... x86\_64-unknown-linux-gnu

checking host system type... x86\_64-unknown-linux-gnu

checking whether the Fortran compiler works... yes

checking for Fortran compiler default output file name... a.out

checking for suffix of executables...

checking whether we are cross compiling... no

checking for suffix of object files... o

checking whether we are using the GNU Fortran compiler... yes

checking whether gfortran accepts -g... yes

configure: running /bin/bash flags.guess

checking how to get verbose linking output from gfortran... -v

checking for Fortran libraries of gfortran... -L/usr/lib/gcc/x86\_64-linux-gnu/4.7 -L/usr/lib/gcc/x86\_64-linux-gnu/4.7/../../../x86\_64-linux-gnu -L/usr/lib/gcc/x86\_64-linux-gnu/4.7/../../../../lib -L/lib/x86\_64-linux-gnu -L/lib/../lib -L/usr/lib/x86\_64-linux-gnu -L/usr/lib/../lib -L/usr/lib/gcc/x86\_64-linux-gnu/4.7/../../.. -lgfortran -lm -lquadmath

checking for gcc... gcc

checking whether we are using the GNU C compiler... yes

checking whether gcc accepts -g... yes

checking for gcc option to accept ISO C89... none needed

checking for dummy main to link with Fortran libraries... none

checking for Fortran name-mangling scheme... lower case, underscore, no extra underscore

checking for Fortran flag to compile .f90 files... none

checking for Fortran flag needed to accept free-form source... none

checking for gcc... (cached) gcc

checking whether we are using the GNU C compiler... (cached) yes

checking whether gcc accepts -g... (cached) yes

checking for gcc option to accept ISO C89... (cached) none needed

checking how to run the C preprocessor... gcc -E

checking for grep that handles long lines and -e... /bin/grep

checking for egrep... /bin/grep -E

checking for ANSI C header files... yes

checking for sys/types.h... yes

checking for sys/stat.h... yes

checking for stdlib.h... yes

checking for string.h... yes

checking for memory.h... yes

checking for strings.h... yes

checking for inttypes.h... yes

checking for stdint.h... yes

checking for unistd.h... yes

checking emmintrin.h usability... yes

checking emmintrin.h presence... yes

checking for emmintrin.h... yes

checking xmmintrin.h usability... yes

checking xmmintrin.h presence... yes

checking for xmmintrin.h... yes

checking for scotchfarchinit in -lscotch... yes

checking whether Scotch is usable... yes

checking whether "use mpi" works... yes

configure: creating ./config.status

config.status: creating Makefile

config.status: creating src/meshfem3D/Makefile

config.status: creating src/decompose\_mesh/Makefile

config.status: creating src/specfem3D/Makefile

config.status: creating src/generate\_databases/Makefile

config.status: creating src/shared/constants.h

config.status: creating src/shared/precision.h

config.status: creating src/decompose\_mesh/scotch/src/Makefile.inc

config.status: creating src/check\_mesh\_quality\_CUBIT\_Abaqus/Makefile

config.status: creating config.h

AFTER COPYING SCRIPTS AND INPUT FILE INTO SPECIFIED DIRECTORIES

**user:~/specfem3d$ which GEOCUBIT.py**

/home/user/specfem3d/CUBIT\_GEOCUBIT/GEOCUBIT.py

**user:~/specfem3d/examples/homogeneous\_halfspace$ ./make\_mesh.sh**

[('--build\_volume', ''), ('--mesh', ''), ('--cfg', 'homogeneous\_halfspace.cfg')] []

None None

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error importing cubit

error importing cubit, check if cubit is installed

error importing cubit

[('--collect', ''), ('--meshfiles', 'MESH\_GEOCUBIT/mesh\_vol\_0.e'), ('--export2SPECFEM3D', ''), ('--SEMoutput', 'MESH')] []

None None

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error importing cubit