The compilation of the TELEMAC system links from Python for TELEMAC

Tools for the compilation of the TELEMAC system : compile_telemac.py

compile_telemac.py

Arguments available under compile_telemac.py are listed with compile_telemac.py –help.
They are :

- -c CONFIGNAME (alternatively --configname=CONFIGNAME)
- -f CONFIGFILE (alternatively --configfile=CONFIGFILE)
- -r ROOTDIR (alternatively --rootdir=ROOTDIR)
- -m MODULES (alternatively --modules=MODULES)
- -b (alternatively --bypass)
- --rescan
- --clean
- -j NCSIZE
- -v (alternatively --verbose)

-c allows the user to specify one configuration in particular amongst all the configurations given in the configuration file. The system will then be compiled for that configuration only.

-f allows the user to specify a different configuration file (./configs/systel.cfg or the file given by the environment variable SYSTELCFG are considered by default). The full name of the file (i.e. including path) is then required.

-r allows the user to specify a different root directory (generally corresponding to a different version of the TELEMAC-MASCARET system).

-m allows the user to compile the system for specific modules if not all are required.

-b bypasses execution failures and try to carry compilation to the end. A final report will highlight problem areas that need addressing before the system can be used satisfactorily.

–rescan performs a new scan of the sources to update all the cmdf files.

–clean removes the directories created under the TELEMAC system path in relation to the configuration given in argument.

-j is used to set the number of cores used for parallel compilation

-v prints every command used during the build

It is possible to use any combination of the above.