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  - **Subject:** [alabobo2] gmckpack 6.7.3
  - **Date:** Fri, 13 Mar 2020 18:21:29 +0100 (CET)
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Dear all,

This is a minor update of gmckpack, fixing bugs and improving the support for C++ code.

Changes in version 6.7.3 :

- 
- workaround against a failure in the dependency research for files including headers from a subdirectory : only the basename of the headers are considered (credits : Stephane Martinez)
  - fix a bug which caused C or C++ files to be lost for compilation if the preprocessing on them was missing a header.
  - add MACROS\_CXX in configuration file for specific flags for C++ source code preprocessing
  - add LNK\_CXX\_FLAGS in configuration file as extra flags for C++ executables : eventually c++ executables will be linked with CXXNAME as compiler with LNK\_FLAGS together with LNK\_CXX\_FLAGS as linker flags.
  - OOPS binaries can support an optional project eckits to be compiled by gmckpack and used as an alternative to ECMWF eckit/fckit
  - update configuration files templates for C++ code
  - Update list of projects and system libraries for OOPS binaries
  - Fix lost abort since the version 6.7.0 on generation of interfaces (credits : Stephane Martinez)
  - add return codes (credit : Stephane Martinez)
  - current compiled file can be got from the environment variable GMK\_CURRENT\_FILE (credits : Stephane Martinez)
  - bugfix: add the missing options -f in the genesis file

Changes in version 6.7.2 :

- 
- support for serial and distributed fckit/eckit library (needed for sequential and distributed binaries)
  - bugfix: add the missing options -g and -e in the genesis file

This new version has been installed on MF supercomputers "beaufix", "prolix", on the PCs of GMAP and at ECMWF on CCA as a replacement of the version

6.7.1. It is also installed on MF AMD machines "epona" and "belenos".

The tar file can be found on ecfs and hendrix :

ec:/rme/hirald/gmkpack/gmkpack.6.7.3.tar.gz

hendrix:/home/khatib/gmkpack/gmkpack.6.7.3.tgz

Best regards,

Ryad

----- Météo-France -----

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