Building UNRESPACK with CMake

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1 Requirements

Starting with UNRESPACK 3.2, CMake (cross-platform, open-source build system) can be used to build UNRESPACK. Building requires te folowing:

- CMake 2.8 or later

- Fortran compiler. Currently *Intel Fortran Compiler* and *GNU Fortran Compiler* are supported. The former one is recomended.

- ANSI C compiler

2 Building

Prepare the build directory

```
mkdir unrespack
tar -xvzf unrespack-v.3.2.tar.gz -C unrespack
cd unrespack
mkdir build && cd build
```

Configure CMake

- Using command line, interactive mode(recomended) `ccmake ..`

- Using command line, non-interactive mode. This requires to pass all the variables to CMake `cmake -DCMAKE_Fortran_COMPILER=ifort -DUNRES_MD_FF=GAB ..`

To compile the whole package run:

```
make
```