

General

`cmake_minimum_required(VERSION x.y)` Specify the CMake version.

`project(MYPROJECT [VERSION <1.0 >] [DESCRIPTION " - project description"] LANGUAGES CXX)` Set a project

`add_subdirectory(relative_directory_path)` Add a subdirectory to the build. The directory must contain a CMakeLists.txt file

`set(<variable> <value>)` Set a CMake variable

`set(<variable> <value 1> ... <value N>)` Set a list variable

`set(ENV{<name>} <value>)` Set an environment variable

`option(MY_OPTION "This is settable from the command line" ON|OFF)` Set a boolean variable. It can be set from the command line

`message([<mode>] "message text" ...)` Print a message

Create a program /library

`add_executable(<program_name> <source.c pp> ...)` Add an executable target with given name

`add_library(<library_name> <source.c pp> ...)` Create a library target to be built from listed source files

`target_link_libraries(<target> <PRIVATE|PUBLIC|INTERFACE> <item> ...)` Link libraries and flags to target

`target_include_directories(<target> <INTERFACE|PUBLIC|PRIVATE> <item> ...)` Include directories for compile the target

CMake Variables

`CMAKE_SOURCE_DIR`

`CMAKE_CURRENT_SOURCE_DIR` Full directory of the listfile currently being processed

`CMAKE_CURRENT_LIST_DIR`



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