# cmake-properties(7)

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# Properties of Global Scope

- ALLOW DUPLICATE CUSTOM TARGETS
- AUTOGEN TARGETS FOLDER
- AUTOMOC\_TARGETS\_FOLDER
- CMAKE C KNOWN FEATURES
- CMAKE CXX KNOWN FEATURES
- DEBUG CONFIGURATIONS
- DISABLED FEATURES
- ENABLED FEATURES
- ENABLED LANGUAGES
- FIND LIBRARY USE LIB64 PATHS
- FIND LIBRARY USE OPENBSD VERSIONING
- GLOBAL DEPENDS DEBUG MODE
- GLOBAL DEPENDS NO CYCLES
- IN TRY COMPILE
- PACKAGES FOUND
- PACKAGES NOT FOUND
- JOB POOLS
- PREDEFINED TARGETS FOLDER
- ECLIPSE EXTRA NATURES
- REPORT UNDEFINED PROPERTIES
- RULE LAUNCH COMPILE
- RULE LAUNCH CUSTOM
- RULE LAUNCH LINK
- RULE MESSAGES
- TARGET ARCHIVES MAY BE SHARED LIBS
- TARGET\_SUPPORTS\_SHARED\_LIBS
- USE FOLDERS

#### **Properties on Directories**

- ADDITIONAL\_MAKE\_CLEAN\_FILES
- CACHE VARIABLES
- CLEAN NO CUSTOM
- CMAKE CONFIGURE DEPENDS
- COMPILE DEFINITIONS
- COMPILE OPTIONS
- DEFINITIONS
- EXCLUDE FROM ALL
- IMPLICIT DEPENDS INCLUDE TRANSFORM
- INCLUDE DIRECTORIES
- INCLUDE REGULAR EXPRESSION
- INTERPROCEDURAL OPTIMIZATION < CONFIG>
- INTERPROCEDURAL OPTIMIZATION
- LINK DIRECTORIES
- LISTFILE\_STACK
- MACROS
- PARENT DIRECTORY
- RULE LAUNCH COMPILE
- RULE LAUNCH CUSTOM
- RULE LAUNCH LINK
- TEST\_INCLUDE\_FILE
- VARIABLES
- VS GLOBAL SECTION POST <section>
- VS\_GLOBAL\_SECTION\_PRE\_<section>

#### **Properties on Targets**

- ALIASED TARGET
- ANDROID API
- ANDROID API MIN
- ANDROID GUI
- ARCHIVE OUTPUT DIRECTORY <CONFIG>
- ARCHIVE OUTPUT DIRECTORY
- ARCHIVE OUTPUT NAME <CONFIG>
- ARCHIVE OUTPUT NAME
- AUTOGEN TARGET DEPENDS
- AUTOMOC MOC OPTIONS
- AUTOMOC
- AUTOUIC
- AUTOUIC OPTIONS
- AUTORCC
- AUTORCC OPTIONS
- BUILD WITH INSTALL RPATH
- BUNDLE EXTENSION
- BUNDLE

- C EXTENSIONS
- C STANDARD
- C STANDARD REQUIRED
- COMPATIBLE INTERFACE BOOL
- COMPATIBLE INTERFACE NUMBER MAX
- COMPATIBLE INTERFACE NUMBER MIN
- COMPATIBLE\_INTERFACE\_STRING
- COMPILE DEFINITIONS
- COMPILE FEATURES
- COMPILE FLAGS
- COMPILE OPTIONS
- COMPILE PDB NAME
- COMPILE PDB NAME < CONFIG>
- COMPILE PDB OUTPUT DIRECTORY
- COMPILE PDB\_OUTPUT\_DIRECTORY\_<CONFIG>
- <CONFIG> OUTPUT NAME
- <CONFIG> POSTFIX
- CROSSCOMPILING EMULATOR
- CXX EXTENSIONS
- CXX\_STANDARD
- CXX STANDARD REQUIRED
- DEBUG POSTFIX
- DEFINE SYMBOL
- EchoString
- ENABLE EXPORTS
- EXCLUDE FROM ALL
- EXCLUDE FROM DEFAULT BUILD <CONFIG>
- EXCLUDE FROM DEFAULT BUILD
- EXPORT NAME
- FOLDER
- Fortran FORMAT
- Fortran MODULE DIRECTORY
- FRAMEWORK
- GENERATOR FILE NAME
- GNUtoMS
- HAS CXX
- IMPLICIT DEPENDS INCLUDE TRANSFORM
- IMPORTED CONFIGURATIONS
- IMPORTED IMPLIB <CONFIG>
- IMPORTED IMPLIB
- IMPORTED LINK DEPENDENT LIBRARIES < CONFIG>
- IMPORTED LINK DEPENDENT LIBRARIES
- IMPORTED LINK INTERFACE LANGUAGES <CONFIG>
- IMPORTED LINK INTERFACE LANGUAGES
- IMPORTED LINK INTERFACE LIBRARIES < CONFIG>
- IMPORTED LINK INTERFACE LIBRARIES
- IMPORTED LINK INTERFACE MULTIPLICITY <CONFIG>
- IMPORTED LINK INTERFACE MULTIPLICITY
- IMPORTED LOCATION <CONFIG>

- IMPORTED LOCATION
- IMPORTED NO SONAME < CONFIG>
- IMPORTED NO SONAME
- IMPORTED
- IMPORTED SONAME <CONFIG>
- IMPORTED\_SONAME
- IMPORT PREFIX
- IMPORT SUFFIX
- INCLUDE DIRECTORIES
- INSTALL NAME DIR
- INSTALL RPATH
- INSTALL\_RPATH\_USE\_LINK\_PATH
- INTERFACE AUTOUIC OPTIONS
- INTERFACE COMPILE DEFINITIONS
- INTERFACE COMPILE FEATURES
- INTERFACE COMPILE OPTIONS
- INTERFACE INCLUDE DIRECTORIES
- INTERFACE LINK LIBRARIES
- INTERFACE POSITION INDEPENDENT CODE
- INTERFACE SOURCES
- INTERFACE SYSTEM INCLUDE DIRECTORIES
- INTERPROCEDURAL OPTIMIZATION <CONFIG>
- INTERPROCEDURAL OPTIMIZATION
- JOB POOL COMPILE
- JOB POOL LINK
- LABELS
- <LANG> INCLUDE WHAT YOU USE
- <LANG> VISIBILITY PRESET
- LIBRARY OUTPUT DIRECTORY <CONFIG>
- LIBRARY OUTPUT DIRECTORY
- LIBRARY OUTPUT NAME <CONFIG>
- LIBRARY OUTPUT NAME
- LINK DEPENDS NO SHARED
- LINK DEPENDS
- LINKER LANGUAGE
- LINK FLAGS < CONFIG>
- LINK FLAGS
- LINK INTERFACE LIBRARIES <CONFIG>
- LINK\_INTERFACE\_LIBRARIES
- LINK INTERFACE MULTIPLICITY <CONFIG>
- LINK INTERFACE MULTIPLICITY
- LINK LIBRARIES
- LINK SEARCH END STATIC
- LINK SEARCH START STATIC
- LOCATION <CONFIG>
- LOCATION
- MACOSX BUNDLE INFO PLIST
- MACOSX BUNDLE
- MACOSX FRAMEWORK INFO PLIST

- MACOSX RPATH
- MAP IMPORTED CONFIG\_<CONFIG>
- NAME
- NO SONAME
- NO\_SYSTEM\_FROM\_IMPORTED
- OSX\_ARCHITECTURES\_<CONFIG>
- OSX ARCHITECTURES
- OUTPUT NAME <CONFIG>
- OUTPUT NAME
- PDB NAME <CONFIG>
- PDB NAME
- PDB\_OUTPUT\_DIRECTORY\_<CONFIG>
- PDB OUTPUT DIRECTORY
- POSITION INDEPENDENT CODE
- PREFIX
- PRIVATE HEADER
- PROJECT LABEL
- PUBLIC HEADER
- RESOURCE
- RULE LAUNCH COMPILE
- RULE LAUNCH CUSTOM
- RULE LAUNCH LINK
- RUNTIME OUTPUT DIRECTORY <CONFIG>
- RUNTIME OUTPUT DIRECTORY
- RUNTIME\_OUTPUT\_NAME\_<CONFIG>
- RUNTIME OUTPUT NAME
- SKIP BUILD RPATH
- SOURCES
- SOVERSION
- STATIC LIBRARY FLAGS < CONFIG>
- STATIC LIBRARY FLAGS
- SUFFIX
- TYPE
- VERSION
- VISIBILITY INLINES HIDDEN
- VS DOTNET REFERENCES
- VS\_DOTNET\_TARGET\_FRAMEWORK\_VERSION
- VS GLOBAL KEYWORD
- VS GLOBAL PROJECT TYPES
- VS GLOBAL ROOTNAMESPACE
- VS GLOBAL <variable>
- VS KEYWORD
- VS SCC AUXPATH
- VS SCC LOCALPATH
- VS\_SCC\_PROJECTNAME
- VS SCC PROVIDER
- VS WINRT COMPONENT
- VS\_WINRT\_EXTENSIONS
- VS\_WINRT\_REFERENCES

- WIN32 EXECUTABLE
- XCODE ATTRIBUTE <an-attribute>
- XCTEST

### **Properties on Tests**

- ATTACHED FILES ON FAIL
- ATTACHED\_FILES
- COST
- DEPENDS
- ENVIRONMENT
- FAIL REGULAR EXPRESSION
- LABELS
- MEASUREMENT
- PASS REGULAR EXPRESSION
- PROCESSORS
- REQUIRED\_FILES
- RESOURCE LOCK
- RUN SERIAL
- SKIP RETURN CODE
- TIMEOUT
- WILL FAIL
- WORKING\_DIRECTORY

#### Properties on Source Files

- ABSTRACT
- AUTOUIC OPTIONS
- AUTORCC OPTIONS
- COMPILE DEFINITIONS
- COMPILE FLAGS
- EXTERNAL OBJECT
- Fortran FORMAT
- GENERATED
- HEADER FILE ONLY
- KEEP EXTENSION
- LABELS
- LANGUAGE
- LOCATION
- MACOSX\_PACKAGE\_LOCATION
- OBJECT\_DEPENDS
- OBJECT OUTPUTS
- SYMBOLIC
- VS DEPLOYMENT\_CONTENT
- VS DEPLOYMENT LOCATION
- VS SHADER ENTRYPOINT
- VS SHADER FLAGS

- VS SHADER MODEL
- VS SHADER TYPE
- VS XAML TYPE
- WRAP EXCLUDE
- XCODE\_EXPLICIT\_FILE\_TYPE
- XCODE\_LAST\_KNOWN\_FILE\_TYPE

#### **Properties on Cache Entries**

- ADVANCED
- HELPSTRING
- MODIFIED
- STRINGS
- TYPE
- VALUE

# Properties on Installed Files

- CPACK DESKTOP SHORTCUTS
- CPACK NEVER OVERWRITE
- CPACK PERMANENT
- CPACK\_START\_MENU\_SHORTCUTS
- CPACK STARTUP SHORTCUTS
- CPACK\_WIX\_ACL

#### Deprecated Properties on Directories

• COMPILE DEFINITIONS < CONFIG>

#### **Deprecated Properties on Targets**

- COMPILE DEFINITIONS < CONFIG>
- POST INSTALL SCRIPT
- PRE INSTALL SCRIPT

#### Deprecated Properties on Source Files

COMPILE\_DEFINITIONS\_<CONFIG>