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# Name: CMakeLists.txt

# Purpose: Primary CMake for wxWidgets

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# Licence: wxWindows licence

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cmake\_minimum\_required(VERSION 2.8.12)

if(NOT CMAKE\_CONFIGURATION\_TYPES)

get\_property(HAVE\_MULTI\_CONFIG\_GENERATOR GLOBAL PROPERTY GENERATOR\_IS\_MULTI\_CONFIG)

# Set default configuration types for multi-config generators

if(HAVE\_MULTI\_CONFIG\_GENERATOR)

set(CMAKE\_CONFIGURATION\_TYPES "Debug;Release")

endif()

endif()

if(APPLE AND NOT CMAKE\_OSX\_DEPLOYMENT\_TARGET)

# If no deployment target has been set default to the minimum supported

# OS X version (this has to be set before the first project() call)

set(CMAKE\_OSX\_DEPLOYMENT\_TARGET 10.7 CACHE STRING "OS X Deployment Target")

endif()

project(wxWidgets)

include(build/cmake/policies.cmake NO\_POLICY\_SCOPE)

# Initialize variables for quick access to wx root dir in sub dirs

set(wxSOURCE\_DIR ${CMAKE\_CURRENT\_SOURCE\_DIR})

set(wxBINARY\_DIR ${CMAKE\_BINARY\_DIR})

set(wxOUTPUT\_DIR ${wxBINARY\_DIR}/lib)

# parse the version number from wx/version.h and include in wxMAJOR\_VERSION and wxMINOR\_VERSION

file(READ include/wx/version.h WX\_VERSION\_H\_CONTENTS)

string(REGEX MATCH "wxMAJOR\_VERSION[ \t]+([0-9]+)"

wxMAJOR\_VERSION ${WX\_VERSION\_H\_CONTENTS})

string (REGEX MATCH "([0-9]+)"

wxMAJOR\_VERSION ${wxMAJOR\_VERSION})

string(REGEX MATCH "wxMINOR\_VERSION[ \t]+([0-9]+)"

wxMINOR\_VERSION ${WX\_VERSION\_H\_CONTENTS})

string (REGEX MATCH "([0-9]+)"

wxMINOR\_VERSION ${wxMINOR\_VERSION})

string(REGEX MATCH "wxRELEASE\_NUMBER[ \t]+([0-9]+)"

wxRELEASE\_NUMBER ${WX\_VERSION\_H\_CONTENTS})

string (REGEX MATCH "([0-9]+)"

wxRELEASE\_NUMBER ${wxRELEASE\_NUMBER})

# Determine if current version is a "Development" release

math(EXPR rel\_dev "${wxMINOR\_VERSION} % 2")

if(rel\_dev)

set(wxVERSION\_IS\_DEV TRUE)

else()

set(wxVERSION\_IS\_DEV FALSE)

endif()

set(wxVERSION ${wxMAJOR\_VERSION}.${wxMINOR\_VERSION}.${wxRELEASE\_NUMBER})

set(wxCOPYRIGHT "1992-2018 wxWidgets")

include(build/cmake/main.cmake)

# Set the default startup project for Visual Studio

if(wxBUILD\_SAMPLES AND wxUSE\_GUI)

set\_directory\_properties(PROPERTIES VS\_STARTUP\_PROJECT minimal)

endif()