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# Name: build/cmake/lib/CMakeLists.txt

# Purpose: Main lib CMake file

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include(../source\_groups.cmake)

set(wxLIB\_TARGETS)

if(wxBUILD\_MONOLITHIC)

# Initialize variables for monolithic build

set(wxMONO\_SRC\_FILES)

set(wxMONO\_LIBS\_PRIVATE)

set(wxMONO\_LIBS\_PUBLIC)

set(wxMONO\_INCLUDE\_DIRS\_PRIVATE)

set(wxMONO\_INCLUDE\_DIRS\_PUBLIC)

endif()

# Define third party libraries

set(LIBS\_THIRDPARTY regex zlib expat)

if(wxUSE\_GUI)

list(APPEND LIBS\_THIRDPARTY jpeg png tiff)

endif()

foreach(LIB IN LISTS LIBS\_THIRDPARTY)

include(${LIB}.cmake)

endforeach()

# add\_opt\_lib()

# Add library which may have been disabled by wxUSE\_...

macro(add\_opt\_lib name var\_name)

if(${var\_name})

list(APPEND LIBS ${name})

endif()

endmacro()

# Define base libraries

set(LIBS base)

add\_opt\_lib(net wxUSE\_SOCKETS)

add\_opt\_lib(xml wxUSE\_XML)

# Define UI libraries

if(wxUSE\_GUI)

list(APPEND LIBS core adv)

foreach(lib

aui

html

propgrid

ribbon

richtext

webview

stc

xrc

)

string(TOUPPER ${lib} \_name\_upper)

add\_opt\_lib(${lib} wxUSE\_${\_name\_upper})

endforeach()

add\_opt\_lib(media wxUSE\_MEDIACTRL)

add\_opt\_lib(gl wxUSE\_OPENGL)

add\_opt\_lib(qa wxUSE\_DEBUGREPORT)

endif() # wxUSE\_GUI

# Include cmake file for every library

foreach(LIB ${LIBS})

add\_subdirectory(${LIB})

endforeach()

if(wxBUILD\_MONOLITHIC)

# Create monolithic library target

list(LENGTH wxMONO\_SRC\_FILES src\_file\_count)

wx\_add\_library(mono ${wxMONO\_SRC\_FILES})

foreach(vis PRIVATE PUBLIC)

if(wxMONO\_LIBS\_${vis})

# Remove libs included in mono from list

foreach(lib IN LISTS LIBS)

list(REMOVE\_ITEM wxMONO\_LIBS\_${vis} ${lib})

endforeach()

target\_link\_libraries(mono ${vis} ${wxMONO\_LIBS\_${vis}})

endif()

if(wxMONO\_INCLUDE\_DIRS\_${vis})

target\_include\_directories(mono ${vis} ${wxMONO\_INCLUDE\_DIRS\_${vis}})

endif()

if(wxMONO\_DEFINITIONS\_${vis})

target\_compile\_definitions(mono ${vis} ${wxMONO\_DEFINITIONS\_${vis}})

endif()

endforeach()

endif()

# Propagate variable(s) to parent scope

set(wxLIB\_TARGETS ${wxLIB\_TARGETS} PARENT\_SCOPE)

set(wxTHIRD\_PARTY\_LIBRARIES ${wxTHIRD\_PARTY\_LIBRARIES} PARENT\_SCOPE)