find\_package(Qt4)

find\_package(OpenGL)

if(QT4\_FOUND AND OPENGL\_FOUND)

set(QT\_USE\_QTOPENGL TRUE)

include(${QT\_USE\_FILE})

set(CMAKE\_INCLUDE\_CURRENT\_DIR ON)

include\_directories( ${QT\_INCLUDE\_DIR} )

set(quaternion\_demo\_SRCS gpuhelper.cpp icosphere.cpp camera.cpp trackball.cpp quaternion\_demo.cpp)

qt4\_automoc(${quaternion\_demo\_SRCS})

add\_executable(quaternion\_demo ${quaternion\_demo\_SRCS})

add\_dependencies(demos quaternion\_demo)

target\_link\_libraries(quaternion\_demo

${QT\_QTCORE\_LIBRARY} ${QT\_QTGUI\_LIBRARY}

${QT\_QTOPENGL\_LIBRARY} ${OPENGL\_LIBRARIES} )

else()

message(STATUS "OpenGL demo disabled because Qt4 and/or OpenGL have not been found.")

endif()