

Setting Up An Application With QtCreator

Introduction

This set of instructions will walk you through setting up a QtCreator C++ project from scratch.

When you have finished this tutorial you will be able to compile a working Ogre Application and you will be ready to start the Basic Tutorials.

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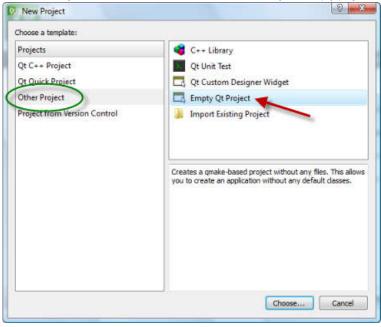
Prerequisites

Get QtCreator from qt-project.org.

Get the stable version that fits your setup.

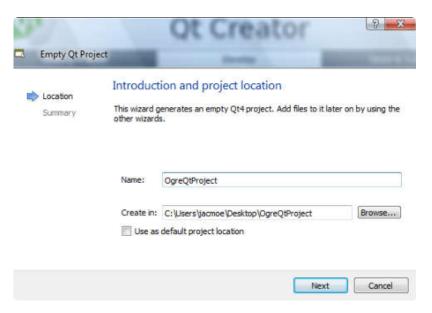
New Project

Click New Project in the start screen, and choose Other Project - Empty project.

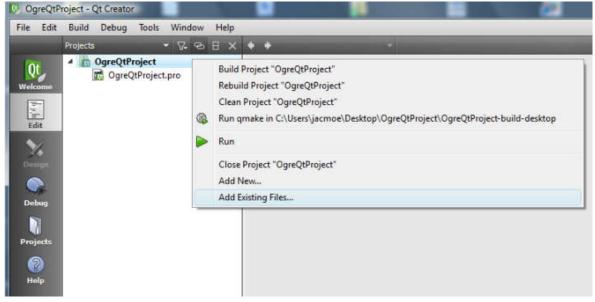


Give it a name and a place:

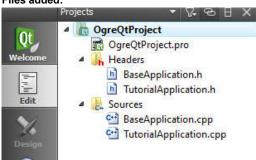
3/06/17, 12:00 p. m.



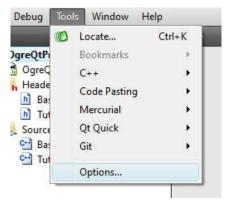
Add files: (Tip: Move your cpp and h-files to inside the Qt project folder before you do this!)



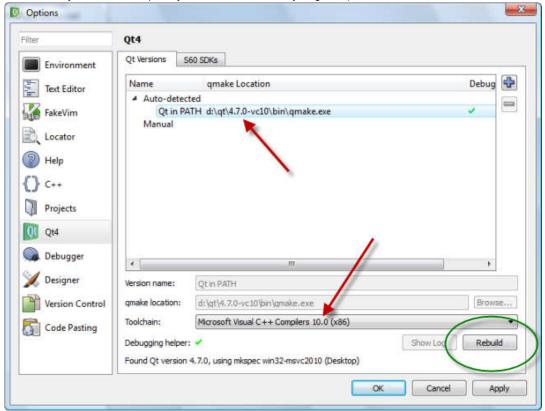
Files added:



Options:



Qt4 Settings: (**Tip:** In Qt 5 this is called "Build & Run". If you have installed Visual Studio before you installed the Visual Studio Qt 5-version, all this should already be correct set up., so you do not have to do anything here.)



Edit project file:

```
Build Debug Tools Window
                           Help
Projects
                  ▼ 17 69 H X
                                 ♦ ♦ OgreQtProject.pro
OgreQtProject
     d OgreQtProject.pro
                                  2 HEADERS += \
                                  3
                                         TutorialApplication.h \
     Headers
                                        BaseApplication.h
       BaseApplication.h
                                  5
       h TutorialApplication.h
                                    SOURCES += \
  Sources
                                        TutorialApplication.cpp \
       BaseApplication.cpp
                                  8
                                        BaseApplication.cpp
       TutorialApplication.cpp
                                  9
```

```
TEMPLATE = app

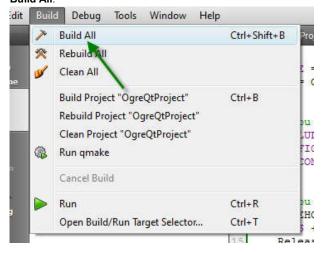
TARGET = OgreQtProject

DEFINES -= UNICODE
```

3/06/17, 12:00 p. m.

```
CONFIG -= qt
unix {
    # You may need to change this include directory
    INCLUDEPATH += /usr/include/OGRE
    CONFIG += link_pkgconfig
    PKGCONFIG += OGRE
win32 {
    LIBS *= user32.lib
   LIBS += -L$(OGRE_HOME) \boost\\lib
    release:LIBS += -L$(OGRE_HOME) \\lib\\release
    debug:LIBS += -L$(OGRE_HOME)\\lib\\debug
    INCLUDEPATH += $(OGRE HOME) \\include
    INCLUDEPATH += $(OGRE HOME) \\include\\OIS
    INCLUDEPATH += $(OGRE_HOME) \\include\\OGRE
    INCLUDEPATH += $(OGRE_HOME) \boost
    # If you are using Ogre 1.9 also include the following line:
    # INCLUDEPATH += $(OGRE HOME)\\include\\OGRE\\Overlay
debug {
    TARGET = $$join(TARGET,,,d)
   LIBS *= -lOgreMain_d -lOIS_d
    # If you are using Ogre 1.9 also include -lOgreOverlay_d, like this:
    # LIBS *= -lOgreMain_d -lOIS_d -lOgreOverlay_d
release {
    LIBS *= -lOgreMain -lOIS
    # If you are using Ogre 1.9 also include -lOgreOverlay, like this:
    # LIBS *= -lOgreMain -lOIS -lOgreOverlay
HEADERS += \
    TutorialApplication.h \
    BaseApplication.h
SOURCES += \
    TutorialApplication.cpp \
    BaseApplication.cpp
```

Build All:



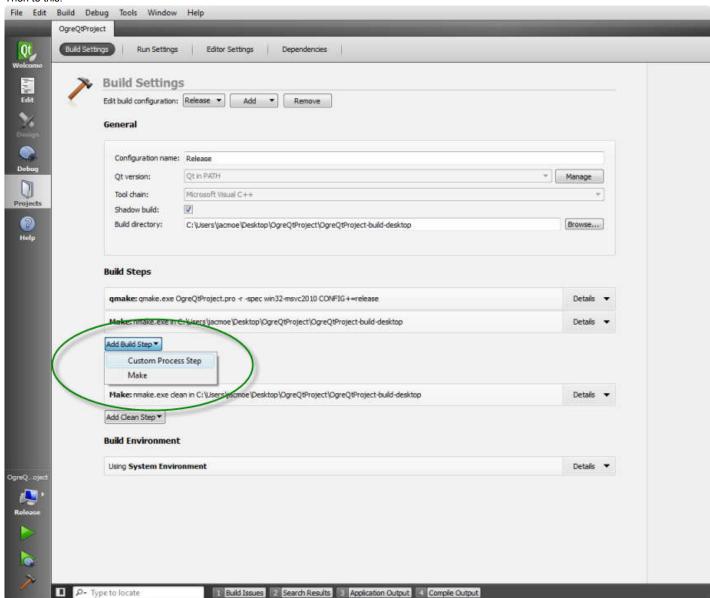
Build Settings:

Note: In the Release configuration, go to "Build Steps -> qmake", press "Details" and add

"CONFIG-=debug" "CONFIG+=release"

to the "Additional arguments:"

Then to this:

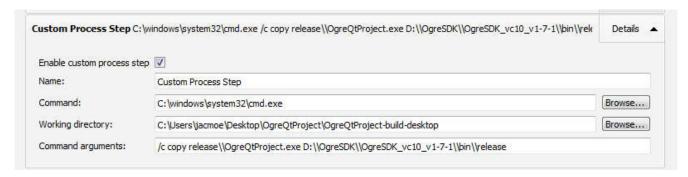


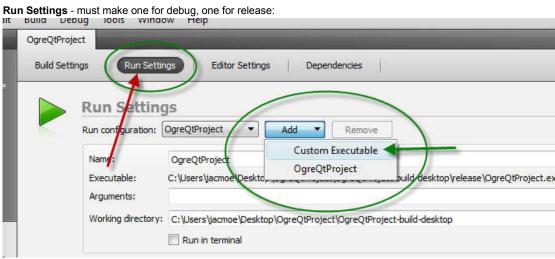
Custom Process Step settings: - do this for both the Debug and Release configuration:

Note: You can also use environment variables here, in %-signs. Like this:

C:\Windows\System32\cmd.exe /c copy debug\OgreQtProjectd.exe %OGRE_HOME%\bin\debug

and you probably want to leave the Working directory to the defaul value of %{buildDir}.





New Run Configuration:

Note: You can also use environment variables here, in %-signs. Like this:



Tutorial Framework

Tutorial Framework:

Ogre Wiki Tutorial Framework Development > Building Ogre > Setting Up An Application > Ogre Wiki T Ogre Wiki Tutorial Framework Overview BaseApplication-h BaseApplication-cpp TutorialApplication-h TutorialApplication-cpp TutorialFramework.zip TutorialFramework.zip Contributors to this page: Jacobe X Page last modified on Nonday 15 of February, 2010 20:50:39 UTC by Jacobe X.

Download the Ogre Wiki Tutorial Framework here:

No such attachment on this page

Project Configuration





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