

National Taipei University of Technology

POSD Environment Setting

Installing Eclipse with Qt and the Eclipse Integration Plug-in

1. Download Eclipse IDE for C/C++ Developers

<http://www.eclipse.org/downloads/>

Version: Juno, Eclipse IDE for C/C++ Developers Windows 32-bit

Unzip eclipse to "C:\eclipse"

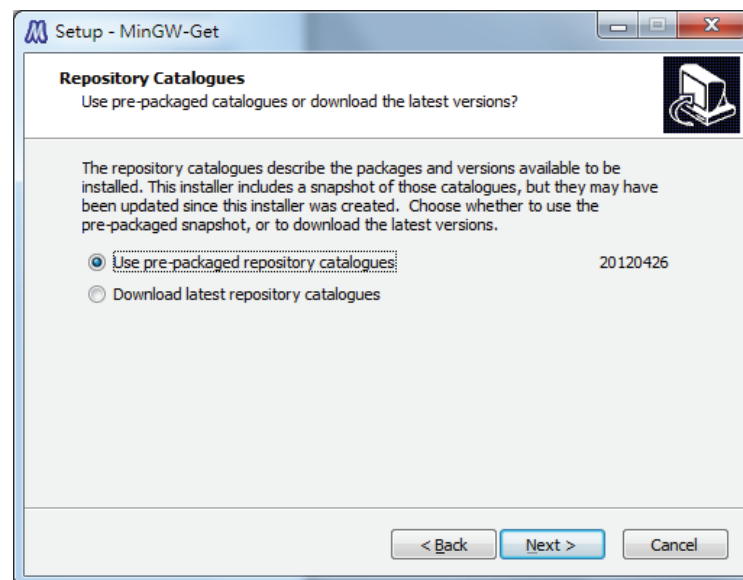
2. Install MinGW and set environment variables

<http://sourceforge.net/projects/mingw/files/>

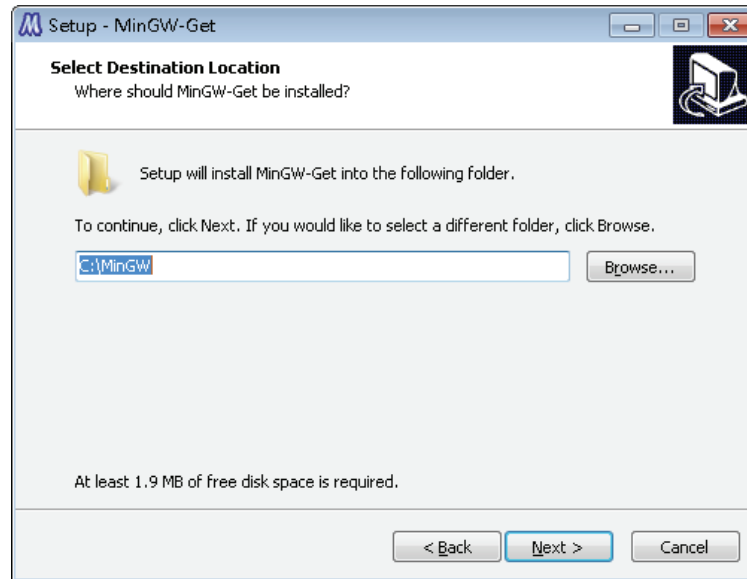
Installer > mingw-get-inst > mingw-get-inst-20120426 > mingw-get-inst-20120426.exe

 mingw-get-inst-20120426	2012/9/14 下午 0...	應用程式	648 KB
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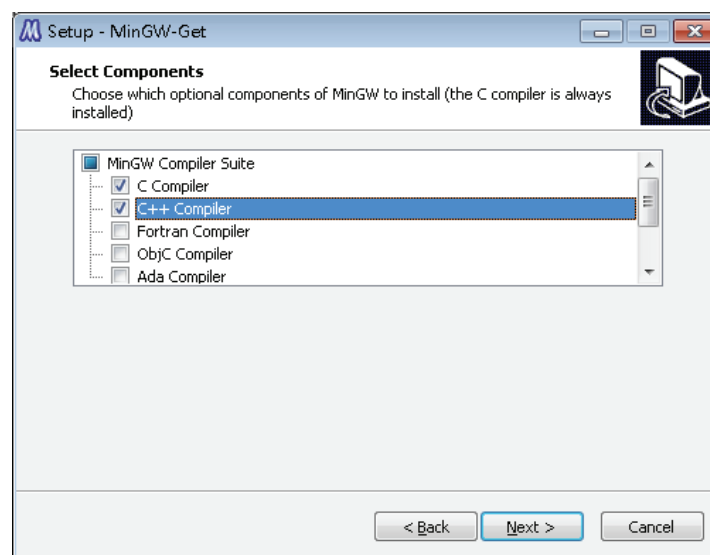
Select the first option, "Use pre-package repository catalogues" (20120426)





Install MinGW to "C:\MinGW"



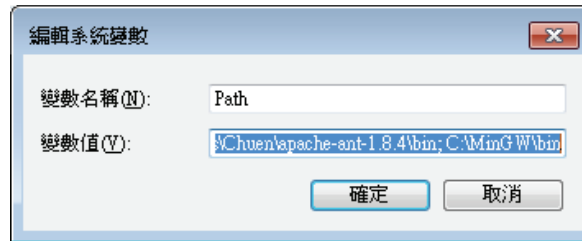
Select both C and C++ Compiler



Rename the executable file “mingw32-make.exe” under “C:\MinGW\bin” to “make.exe”

 mingw32-make	2011/1/23 上午 0...	應用程式	193 KB
 make	2011/1/23 上午 0...	應用程式	193 KB


Add “C:\MinGW\bin” to Windows System Path



3. Install Qt for Open Source C++ development on Windows

<http://qt-project.org/downloads>

Download file: [qt-win-opensource-4.8.3-mingw.exe](#)

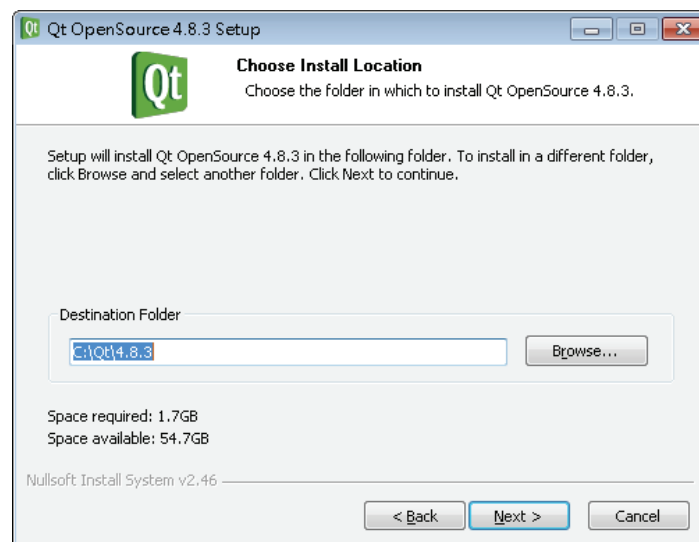


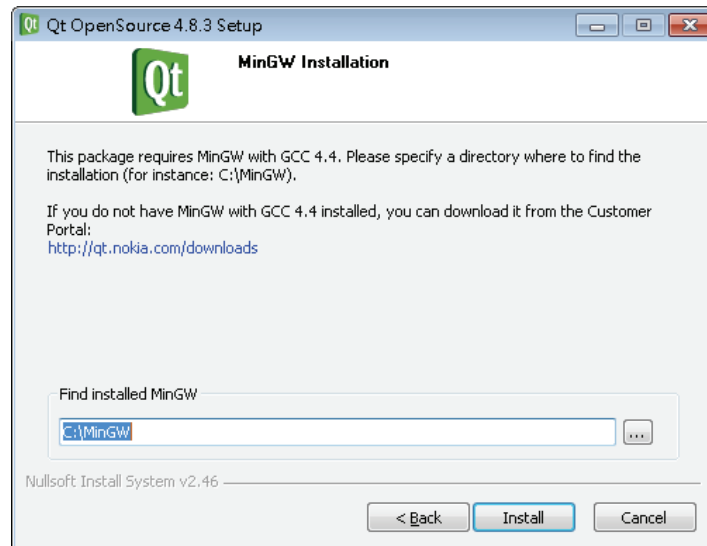
Here is the latest version of the [Qt libraries](#). The edition you download here must match the OS you have your development system on.

The source code is available as a [zip](#) (261 MB) or a [tar.gz](#) (223 MB). Or visit the repository at qt.gitorious.org/qt.

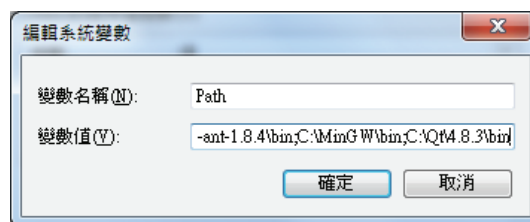
- Qt libraries 4.8.3 for Windows (minGW 4.4, 317 MB)
- Qt libraries 4.8.3 for Windows (VS 2008, 234 MB)
- Qt libraries 4.8.3 for Windows (VS 2010, 235 MB)
- Qt libraries 4.8.3 for Linux/X11 (223 MB)
- Qt libraries 4.8.3 for Mac (183 MB) and debug libraries (480 MB)
- Qt libraries 4.8.3 for embedded Linux (223 MB)
- Qt libraries 4.8.3 for Windows CE (261 MB)

Install Qt to “[C:\Qt\4.8.3](#)” and set MinGW path to “[C:\MinGW](#)”





Add "C:\Qt\4.8.3\bin" to Windows System Path

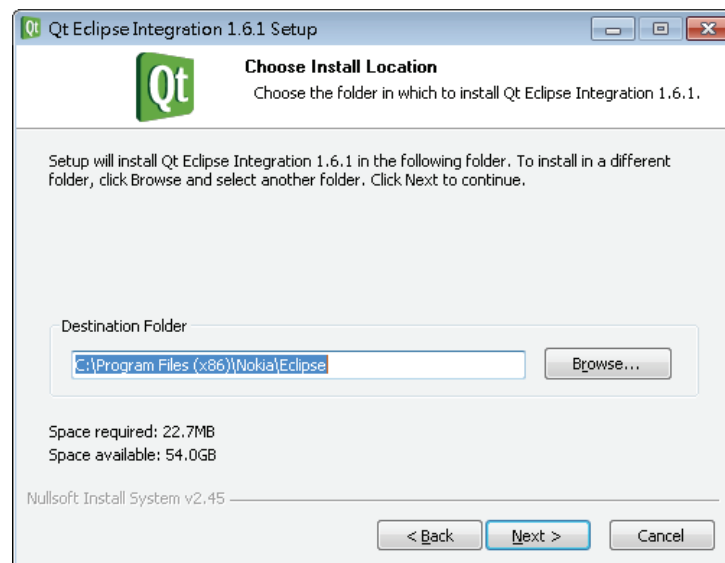


4. Install Qt Eclipse Integration for C++

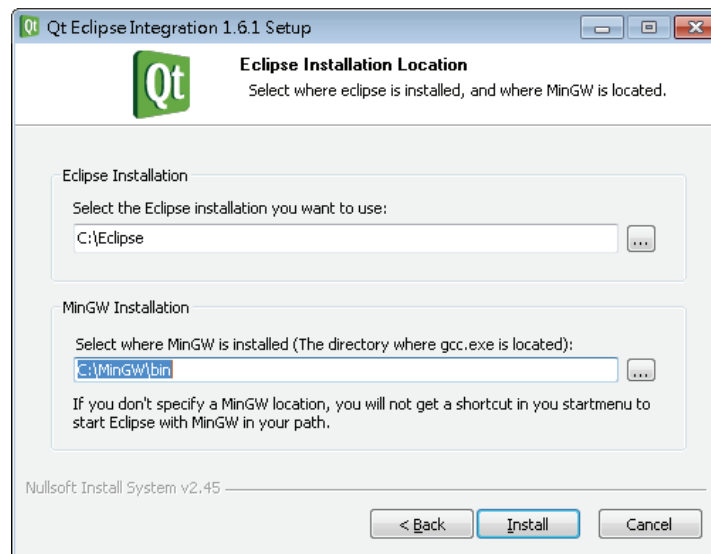
<ftp://ftp.qt.nokia.com/qteclipse/>

Download Windows version, file: qt-eclipse-integration-win32-1.6.1.exe

Install Integration 1.6.1

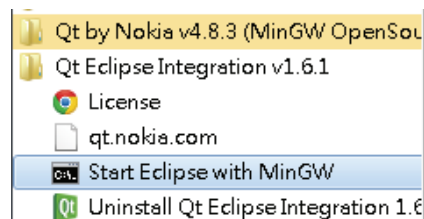


Set Eclipse and MinGW locations



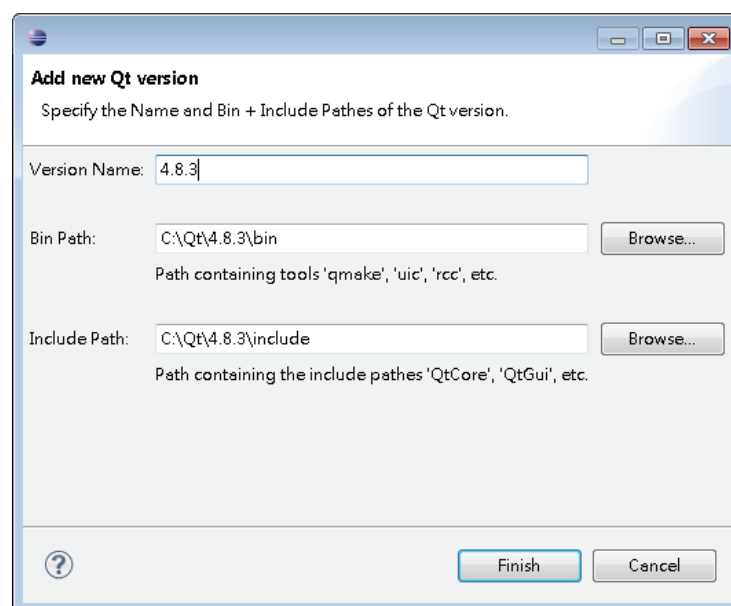
5. Start Eclipse with MinGW

Run the following program to integrate Eclipse, Qt, and MinGW (may take few minutes...)



6. Set Qt preferences

Eclipse > Window > Preference > Qt



7. Create a Qt project

