Guide to Build QuaZip using MinGW

*QuaZIP is a simple C++ wrapper over Gilles Vollant's ZIP/UNZIP package that can be used to access ZIP archives. It uses the Qt toolkit.*

*Make sure that Qt and MinGW installation path are added to system PATH variable*

*If –lz doesn’t work then try –lzlibin the LIBS +=*

Environment: Windows , mingw32, Qt 5.8.0

1. Download zlib-1.2.8
2. Copy to a location such as “E:\zlib-1.2.8”
3. Move to “E:\zlib-1.2.8” using command prompt *cd E:\zlib-1.2.8*
4. Carry out make using mingw32 using *mingw32-make -f win32/Makefile.gcc*
5. Create a lib folder inside “E:\zlib-1.2.8” and place the generated zlib1.dll inside the folder
6. Create include folder in “E:\zlib-1.2.8”
7. Copy all the header files in “E:\zlib-1.2.8” and paste them into “E:\zlib-1.2.8\include” folder
8. Copy the quazip to “E:\” so now quazip is in “E:\quazip-0.7.3”
9. Open the .pro file inside “E:\quazip-0.7.3\quazip\” in Qt
10. In the Projects on the left side, double click and open quazip.pro file
11. In the end of the file write the following lines

INCLUDEPATH +="E:\zlib-1.2.8\include"

LIBS +=-L"E:\zlib-1.2.8\lib"

LIBS += -lz

1. Run the project with mingw as compiler and Release mode.
2. Create a new folder named as ZipPack at “E:\”
3. Create lib and include folder inside “E:\ZipPack\”
4. Copy all header files from “E:\quazip-0.7.3\quazip” and “E:\zlib-1.2.8\include” to “E:\ZipPack\include”
5. Copy all files from “E:\zlib-1.2.8\lib” to “E:\ZipPack\lib”
6. Now copy quazip.dll from “E:\quazip-0.7.3\build-quazip-Desktop\_Qt\_5\_8\_0\_MinGW\_32bit-Release\release” to “E:\ZipPack\lib”
7. As there is no further need for “E:\quazip-0.7.3\build-quazip-Desktop\_Qt\_5\_8\_0\_MinGW\_32bit-Release\” , “E:\quazip-0.7.3\” and “E:\zlib-1.2.8” , so these folders can be removed
8. Open a Project in Qt and use mingw as compiler. In the project.pro file, write the following lines

CMAKE\_CXXFLAGS += -std=gnu++14

INCLUDEPATH += "E:\ZipPack\include"

LIBS += -L "E:\ZipPack\lib"

LIBS +=-lquazip -lz

1. To the project.cpp file add the header file JlCompress.h using the lines

#include <JlCompress.h>

1. Try out the sample code from <https://stackoverflow.com/questions/10290083/qt-simple-example-for-quazip>
2. Or try using the following example code

QuaZip zip\_s("E:/example.zip");

zip\_s.open(QuaZip::mdUnzip);

QuaZipFile file\_s(&zip\_s);

QString data;

for(bool f=zip\_s.goToFirstFile(); f; f=zip\_s.goToNextFile())

{ file\_s.*open*(QIODevice::ReadOnly);

{ data=file\_s.readAll();

qDebug()<<data;

}

file\_s.*close*();

}

zip\_s.close();