Subject: Linking issue...cmd line vs U++ vs Codeblocks...
Posted by ptkacz on Mon, 02 Apr 2018 05:25:48 GMT
View Forum Message <> Reply to Message

Hi guys,

In the process of creating some new code, a small test app was put together to test connecting to a PostgreSQL database making use of PGXX (see the attachment, DatabaseTest.cpp).

From command line, the program was able to be compiled (i.e. g++ DatabaseTest.cpp -o ct -lpqxx -lpq) and run successfully. No compiler or link issues were encountered. Expected results were returned!

Similarly a U++ Console App with no U++ was created and compiled, but with linker issues. For example: ... (13): undefined reference to `pqxx::connection_base::is_open() const'

Just to be sure that the dev environment is set up correctly, this evening, version 16 of Codeblocks was installed. The same test app was compiled and linked without any issue. Upon pressing the play button, a console window displayed with expected results. The only thing needing to be done was providing the linker options of, "-lpqxx -lpq" to codeblocks.

In U++, I've only specified the following:

Common Link Options: -lpqxx -lpq
Debug Link Options: -lpqxx -lpq
INCLUDE DIRECTORY PATHS: Non-specified (TheIDE identified the include files)
LIB Directories: /usr/lib/x86_64-linux-gnu

Even attempting to not specifying any paths.

Why is it that U++ is having difficulty linking successfully?

Peter

File Attachments

1) DatabaseTest.cpp, downloaded 412 times