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Subject: Re: postgresql mingw  
Posted by [mt dew3q](#) on Mon, 20 May 2019 00:25:17 GMT  
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Hi all-

So I thought while I am trying to figure out what in the world is going on with PostgreSQL with mingw in U++ I had another idea. Everyone knows that mingw can be used with other frameworks so I tried to fire up libpqxx. Here is my printout:

```
checking for pkg-config... /mingw64/bin/pkg-config
configure: using PostgreSQL headers at c:/pgsql/include
configure: using PostgreSQL libraries at c:/pgsql/lib
checking c:/pgsql/include/libpq-fe.h usability... yes
checking c:/pgsql/include/libpq-fe.h presence... yes
checking for c:/pgsql/include/libpq-fe.h... yes
checking for ability to compile source files using libpq... yes
```

So everything was going great until with my bright idea tried to use the version 12 development branch and that is newer than the libpqxx on GitHub.

Well, I need pgsql to work so I will try to compile a different version of postgres with mingw.

I had to do some nifty configuring to get that to work. It (libpqxx configure script) couldn't find libraries or headers so I made one of these files (libpq.pc):

```
refix=/c/pgsql
exec_prefix=${prefix}/bin
libdir=${exec_prefix}/lib
includedir=${prefix}/include
```

```
Name: postgresql
Description: DB
Requires:
Version: 12.0
Libs: -Lc:/pgsql/lib
Cflags: -Ic:/pgsql/include
```

I hope that helps anyone wanting to get into SWIG with U++ and libpqxx. That way you can use tkinter with python and C++ or just Tk and C++ all with postgres.

I will return at a little later time once I get another version set up and see what I can't figure out about why I couldn't get U++ up and running with postgres on mingw.

Hope you are having a cool weekend. I am on a 3 day weekend. It has been fun.  
thnx

later - Roboloki

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