Subject: the application not starting 0xc000007b: postgresql
Posted by mtdew3q on Sun, 25 Feb 2018 23:48:18 GMT
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Hi -

I am fooling around with postgresql 9.x today. I use mingw64.
I will include code: any idea why the error msg?
Its killing me. I have postgresql installed on win 10 home.
I got the msg to go away that said can't find libpq.
I made an adjustment in the postgresql.upp file :
library(WIN32 !NOPOSTGRESQL GCC) libpq;.

the code from my .exe upp file is :

```
uses
 CtrlLib,
 SqlCtrl,
 PostgreSQL;

file
 C:\cygwin64\home\mtdew\theide\upp\MyApps\pg\libpq-fe.h,
 Postgres.h,
 database.sch,
 Postgres.lay,
 main.cpp;

mainconfig
 "" = "GUI";
```

I don't know how to get more info to diagnosis the problem!
If you see a glaring error, please assist! thx. -mtdew3q

```
#ifndef _Postgres_Postgres_h

#define _Postgres_Postgres_h



#include <CtrlLib/CtrlLib.h>

#include <SqlCtrl/SqlCtrl.h>
```

```
using namespace Upp;

#define LAYOUTFILE <pg/Postgres.lay>
#include <CtrlCore/lay.h>

#include <PostgreSQL/PostgreSQL.h>
#define SCHEMADIALECT <PostgreSQL/PostgreSQLSchema.h>
#define MODEL <pg/database.sch>
#include "Sql/sch_header.h"

// debian: sudo apt-get install libpq-dev

class PostgreSQLTest : public WithPostgreSQLTestLayout<TopWindow> {
public:
    typedef PostgreSQLTest CLASSNAME;
    PostgreSQLTest();
    bool OpenDB();
    bool InsertTestData();
    void ShowTestData();
protected:
    PostgreSQLSession m_session;
};

#endif
```

```
#include "Postgres.h"

#include <Sql/sch_schema.h>
#include <Sql/sch_source.h>

using namespace Upp;

PostgreSQLTest::PostgreSQLTest()
{
    CtrlLayout(*this, "PostgreSQL Test");
    m_refresh <<= THISBACK(ShowTestData);
    m_array.SetTable(categories);
    m_array.AddKey(category);
   m_array.AddColumn(category, "category");

   m_array.AddColumn(categoryname, "categoryname");
}

bool PostgreSQLTest::OpenDB()
{
    if(!m_session.Open("host=localhost dbname=etack user=claudio password=HFi4Cm?@"))
    {
        Exclamation(Format("Error in open: %s", DeQtf(m_session.GetLastError())));
```

```
        return false;
    }
    m_array.SetSession(m_session);

#ifdef _DEBUG
    m_session.SetTrace();
#endif

    SQL = m_session;

    //schema
    Progress p;
    p.SetText(t_("Creating _DEBUG database"));
    SqlSchema sch(PGSQL);
    All_Tables(sch);
    if(sch.ScriptChanged(SqlSchema::UPGRADE))
        SqlPerformScript(sch.Upgrade(), p);
    if(sch.ScriptChanged(SqlSchema::ATTRIBUTES)) {
        SqlPerformScript(sch.Attributes(), p);
    }
    if(sch.ScriptChanged(SqlSchema::CONFIG)) {
        SqlPerformScript(sch.ConfigDrop(), p);
        SqlPerformScript(sch.Config(), p);
    }
```

```
    sch.SaveNormal();


    return true;
}


bool PostgreSQLTest::InsertTestData()
{
/*
    Sql sql(m_session);
    sql.ClearError();
    sql.Begin();
    sql * Delete(TESTPARTNER);
    sql * Insert(TESTPARTNER)
        (TESTPARTNER_NAME, "First Partner")
        (TESTPARTNER_ADDRESS, "First Street")
    ;
    sql * Insert(TESTPARTNER)
        (TESTPARTNER_NAME, "Second Partner")
        (TESTPARTNER_ADDRESS, "Second Street")
    ;
    sql * Insert(TESTPARTNER)
        (TESTPARTNER_NAME, "Third Partner")
        (TESTPARTNER_ADDRESS, "Third Street")
    ;
    if(!OkCommit(m_session, "Unable to insert test data."))
```

```
        return false;

*/
    return true;
}


void PostgreSQLTest::ShowTestData()
{
  //  m_array.SetOrderBy(TESTPARTNER_NAME);
    m_array.Query();
}


GUI_APP_MAIN
{
    PostgreSQLTest dlg;

    if(dlg.OpenDB() ){


        dlg.ShowTestData();
        dlg.Run();
    }



}
```

```
LAYOUT(PostgreSQLTestLayout, 416, 348)
 ITEM(SqlArray, m_array, HSizePosZ(8, 88).VSizePosZ(8, 8))
 ITEM(Button, m_refresh, SetLabel(t_("Refresh")).Tip(t_("Refresh data in array")).RightPosZ(8,
72).TopPosZ(8, 24))
END_LAYOUT
```

```
TABLE_(categories)

  INT_  (category) PRIMARY_KEY

  STRING_  (categoryname, 50)

END_TABLE
```