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Subject: Another MySQL Link Issue[SOLVED]  
Posted by [Justin](#) on Fri, 10 Mar 2006 01:07:18 GMT  
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Now that I have gotten this to work in the Reference app, I am getting these link errors for my app that I have been playing around with. The app is called 'NCase'

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----- CtrlLib ( GUI MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) ( 1 / 9 )
----- CtrlCore ( GUI MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) ( 2 / 9 )
----- RichText ( GUI MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) ( 3 / 9 )
----- Draw ( GUI MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) ( 4 / 9 )
----- Core ( GUI MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) ( 5 / 9 )
----- plugin\png ( GUI MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) ( 6 / 9 )
----- Image ( GUI MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) ( 7 / 9 )
----- plugin\z ( GUI MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) ( 8 / 9 )
----- NCase ( GUI MAIN MSC8 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) ( 9 / 9 )
main.cpp
1 file(s) compiled in (0:01.51) 1516 msec/file
Linking...
main.obj : error LNK2019: unresolved external symbol "public: __thiscall Sql::~Sql(void)"
(??1Sql@@QA
E@XZ) referenced in function __unwindfunctlet$??0NCase@@QAE@XZ$0
main.obj : error LNK2019: unresolved external symbol "public: bool __thiscall Sql::Fetch(void)"
(?Fet
ch@Sql@@QAE_NXZ) referenced in function "public: __thiscall NCase::NCase(void)"
(??0NCase@@QAE@XZ
)
main.obj : error LNK2019: unresolved external symbol "public: bool __thiscall Sql::Execute(class
Stri
ng const &)" (?Execute@Sql@@QAE_NABVString@@@Z) referenced in function "public:
__thiscall NCase:
:NCase(void)" (??0NCase@@QAE@XZ)
main.obj : error LNK2019: unresolved external symbol "public: bool __thiscall
MySqlConnection::Connect(c
har const *,char const *,char const *,char const *,int,char const *)"
(?Connect@MySqlConnection@@QAE
_NPBD000H0@Z) referenced in function "public: __thiscall NCase::NCase(void)"
(??0NCase@@QAE@XZ)
main.obj : error LNK2019: unresolved external symbol "public: __thiscall Sql::Sql(void)"
(??0Sql@@QAE
@XZ) referenced in function "public: __thiscall NCase::NCase(void)" (??0NCase@@QAE@XZ)
main.obj : error LNK2019: unresolved external symbol "public: virtual __thiscall
SqlConnection::~SqlSess
ion(void)" (??1SqlConnection@@UAE@XZ) referenced in function
__unwindfunctlet$??0MySqlConnection@@QAE@XZ
$0
```

```

main.obj : error LNK2019: unresolved external symbol "public: __thiscall
SqlSession::SqlSession(void)
" (??0SqlSession@@QAE@XZ) referenced in function "public: __thiscall
MySqlSession::MySqlSession(v
oid)" (??0MySqlSession@@QAE@XZ)
main.obj : error LNK2001: unresolved external symbol "protected: virtual class SqlConnection *
__this
call MySqlSession::CreateConnection(void)"
(?CreateConnection@MySqlSession@@MAEPAVSqlConnection@@
XZ)
main.obj : error LNK2001: unresolved external symbol "public: virtual void __thiscall
MySqlSession::B
egin(void)" (?Begin@MySqlSession@@UAEXXZ)
main.obj : error LNK2001: unresolved external symbol "public: virtual void __thiscall
MySqlSession::C
ommit(void)" (?Commit@MySqlSession@@UAEXXZ)
main.obj : error LNK2001: unresolved external symbol "public: virtual void __thiscall
MySqlSession::R
ollback(void)" (?Rollback@MySqlSession@@UAEXXZ)
main.obj : error LNK2001: unresolved external symbol "public: virtual class String __thiscall
SqlSess
ion::Savepoint(void)" (?Savepoint@SqlSession@@UAE?AVString@@XZ)
main.obj : error LNK2001: unresolved external symbol "public: virtual void __thiscall
SqlSession::Rol
lbackTo(class String const &)" (?RollbackTo@SqlSession@@UAEXABVString@@@Z)
main.obj : error LNK2001: unresolved external symbol "public: virtual bool __thiscall
MySqlSession::I
sOpen(void)const" (?IsOpen@MySqlSession@@UBE_NXZ)
main.obj : error LNK2001: unresolved external symbol "public: virtual class Vector<class String>
__th
iscall MySqlSession::EnumUsers(void)"
(?EnumUsers@MySqlSession@@UAE?AV?$Vector@VString@@@XZ)
main.obj : error LNK2001: unresolved external symbol "public: virtual class Vector<class String>
__th
iscall MySqlSession::EnumDatabases(void)"
(?EnumDatabases@MySqlSession@@UAE?AV?$Vector@VString@@@
@XZ)
main.obj : error LNK2001: unresolved external symbol "public: virtual class Vector<class String>
__th
iscall MySqlSession::EnumTables(class String)"
(?EnumTables@MySqlSession@@UAE?AV?$Vector@VString@
@@@VString@@@Z)
main.obj : error LNK2001: unresolved external symbol "public: virtual class Vector<class String>
__th
iscall SqlSession::EnumViews(class String)"
(?EnumViews@SqlSession@@UAE?AV?$Vector@VString@@@VSt
ring@@@Z)
main.obj : error LNK2001: unresolved external symbol "public: virtual class Vector<class String>

```

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__th
iscall SqlSession::EnumSequences(class String)"
(?EnumSequences@SqlSession@ @UAE?AV?$Vector@VStrin
g@@@ @VString@@ @Z)
main.obj : error LNK2001: unresolved external symbol "public: virtual class Vector<struct
SqlColumnIn
fo> __thiscall SqlSession::EnumColumns(class String,class String)"
(?EnumColumns@SqlSession@ @UAE?
AV?$Vector@USqlColumnInfo@@ @ @VString@@ @0@Z)
main.obj : error LNK2001: unresolved external symbol "public: virtual class Vector<class String>
__th
iscall SqlSession::EnumPrimaryKey(class String,class String)"
(?EnumPrimaryKey@SqlSession@ @UAE?AV
?$Vector@VString@@ @ @VString@@ @0@Z)
main.obj : error LNK2001: unresolved external symbol "public: virtual class String __thiscall
SqlSess
ion::EnumRowID(class String,class String)"
(?EnumRowID@SqlSession@ @UAE?AVString@@ @V2@0@Z)
main.obj : error LNK2001: unresolved external symbol "public: virtual class Vector<class String>
__th
iscall SqlSession::EnumReservedWords(void)"
(?EnumReservedWords@SqlSession@ @UAE?AV?$Vector@VStrin
g@@@ @XZ)
main.obj : error LNK2019: unresolved external symbol "bool __cdecl MySqlPerformScript(class
String co
nst &,struct StatementExecutor &,class Gate2<int,int>)"
(?MySqlPerformScript@ @YA_NABVString@@AAUS
tatementExecutor@@ @V?$Gate2@HH@@ @ @Z) referenced in function "public: virtual bool
(__cdecl*__thisca
ll MySqlSession::GetRunScript(void)const )(class String const &,struct StatementExecutor
&,class
Gate2<int,int>)"
(?GetRunScript@MySqlSession@ @UBEP6A_NABVString@@AAUStatementExecutor@@ @V?$G
ate2@H
H@@ @ZXZ)
main.obj : error LNK2019: unresolved external symbol "public: void __thiscall
MySqlSession::Close(voi
d)" (?Close@MySqlSession@ @QAEXXZ) referenced in function "public: virtual __thiscall
MySqlSession
::~~MySqlSession(void)" (??1MySqlSession@ @UAE@XZ)
C:\upp\out\MSC8.Debug_full.Gui\NCCase.exe : fatal error LNK1120: 25 unresolved externals

```

There were errors. (0:01.95)

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Subject: Re: Another MySQL Link Issue

Posted by [mirek](#) on Fri, 10 Mar 2006 08:26:58 GMT

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NCase should "use" MySql.

Means, you do not have MySql package in your project (you are just #including headers, but that unfortunately is not enough). You must add MySql to "uses" of NCase (e.g. right click on it and choose "Add package to...").

Mirek

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Subject: Re: Another MySQL Link Issue

Posted by [Justin](#) on Fri, 10 Mar 2006 17:19:55 GMT

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Thanks again!

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