
Subject: [SOLVE] Compile Error for OleDb with MSC9 Compiler

Posted by [navi](#) on Fri, 11 Jan 2013 04:45:43 GMT

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I am trying to connect to MS Access DB using OleDb.

attached is the project and the database both in as Access mdb format and in SQLite3. SQLite3 is easy and works straight away. but cant get the Access DB to work. I read in a thread that to connect to AccessDB use OleDb. and other post that says MINGW doesnt work and did not work for me either. Another post suggesting that MSC works with OleDb. unfortunately there is no example of use of OleDb in Example section.

On Debug mode gets these following linking error.

```
----- SQLTestProj001 ( GUI MAIN MSC9 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) (11 / 11)
Linking...
main.obj : error LNK2019: unresolved external symbol "public: virtual __thiscall
Upp::OleDbSession::~~OleDbSession(void)"
(??1OleDbSession@Upp@@@UAE@XZ) referenced in function "public: __thiscall
mywindow::mywindow(void)" (??0mywindow@@@QAE@
XZ)
main.obj : error LNK2019: unresolved external symbol "public: bool __thiscall
Upp::OleDbSession::Open(class Upp::String)"
(?Open@OleDbSession@Upp@@@QAE_NVString@2@@@Z) referenced in function "public:
__thiscall mywindow::mywindow(void)" (??
0mywindow@@@QAE@XZ)
main.obj : error LNK2019: unresolved external symbol "public: __thiscall
Upp::OleDbSession::OleDbSession(void)" (??0OleDb
Session@Upp@@@QAE@XZ) referenced in function "public: __thiscall
mywindow::mywindow(void)" (??0mywindow@@@QAE@XZ)
J:\Out\MyApps\SQLTestProj001\MSC9.Debug.Debug_Full.Gui.Main\SQLTestProj001.exe : fatal
error LNK1120: 3 unresolved extern
als
```

There were errors. (0:01.01)

if compiled in optimal mode as suggested here, get the following errors instead.

```
----- Sql ( GUI MSC9 BLITZ WIN32 MSC ) (10 / 11)
BLITZ: Session.cpp Script.cpp MassInsert.cpp SqlSchema.cpp util_td.cpp IntroSch.cpp
ExportSch.cpp
c:\upp\uppsrc\richtext\txtop.cpp(54) : fatal error C1001: An internal error has occurred in the
```

compiler.

(compiler file 'f:\dd\vctools\compiler\utc\src\p2\main.c[0x6DFF4F50:0x0000002C]', line 182)

To work around this problem, try simplifying or changing the program near the locations listed above.

Please choose the Technical Support command on the Visual C++

Help menu, or open the Technical Support help file for more information

Internal Compiler Error in C:\Program Files (x86)\Microsoft Visual Studio 9.0\VC\Bin\cl.exe. You will be prompted to sen

d an error report to Microsoft later.

regards

Navi

File Attachments

1) [SQLTestProj001_11-01-2013_#1532.rar](#), downloaded 312 times

Subject: Re: Compile Error for OleDb with MSC9 Compiler

Posted by [navi](#) on Fri, 11 Jan 2013 05:01:12 GMT

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

```
using namespace Upp;
```

```
struct mywindow : TopWindow{  
    mywindow(){  
        HCenterPosZ(500).VCenterPosZ(600);  
    }  
};
```

```
GUI_APP_MAIN
```

```
{  
    mywindow m;  
    m.Run();  
}
```

Even the simple code above fails gloriously in MSC9 with the following error!

```
----- CtrlLib ( GUI MSC9 BLITZ WIN32 MSC ) ( 1 / 9 )  
----- CtrlCore ( GUI MSC9 BLITZ WIN32 MSC ) ( 2 / 9 )  
----- Draw ( GUI MSC9 BLITZ WIN32 MSC ) ( 3 / 9 )  
----- plugin/bmp ( GUI MSC9 BLITZ WIN32 MSC ) ( 4 / 9 )
```

```

----- RichText ( GUI MSC9 BLITZ WIN32 MSC ) ( 5 / 9 )
BLITZ: Object.cpp ParaPaint.cpp TxtData.cpp TxtPaint.cpp TxtOp.cpp Format.cpp TableCell.cpp
TableLayout.cpp TablePaint.cpp
p TableData.cpp TextPaint.cpp TextStyle.cpp TextData.cpp TextTable.cpp EncodeHTML.cpp
Util.cpp
----- Core ( GUI MSC9 BLITZ WIN32 MSC ) ( 6 / 9 )
BLITZ: Mt.cpp Bom.cpp Path.cpp NetNode.cpp App.cpp Log.cpp Debug.cpp Random.cpp
LocalProcess.cpp Value.cpp ValueUtil.cpp
Lang.cpp LangInfo.cpp JSON.cpp z.cpp Topic.cpp CoWork.cpp MD5.cpp SHA1.cpp InetUtil.cpp
Socket.cpp Http.cpp Dli.cpp Win32Util.cpp
----- plugin/z ( GUI MSC9 BLITZ WIN32 MSC ) ( 7 / 9 )
----- plugin/png ( GUI MSC9 BLITZ WIN32 MSC ) ( 8 / 9 )
----- MSC_TestAPP001 ( GUI MAIN MSC9 BLITZ WIN32 MSC ) ( 9 / 9 )
$blitz.cpp
c:\upp\uppsrc\richtext\txtop.cpp(54) : fatal error C1001: An internal error has occurred in the
compiler.
(compiler file 'f:\dd\vctools\compiler\utc\src\p2\main.c[0x6DFF4F50:0x0000002C]', line 182)
To work around this problem, try simplifying or changing the program near the locations listed
above.
Please choose the Technical Support command on the Visual C++
Help menu, or open the Technical Support help file for more information
Internal Compiler Error in C:\Program Files (x86)\Microsoft Visual Studio 9.0\VC\Bin\cl.exe. You
will be prompted to send an error report to Microsoft later.
main.cpp
MSC_TestAPP001: 1 file(s) built in (0:00.44), 440 msec / file, duration = 1388 msec,
parallelization 91%
RichText: 16 file(s) built in (0:01.02), 64 msec / file, duration = 2590 msec, parallelization 81%
$blitz.cpp
Core: 24 file(s) built in (0:01.85), 77 msec / file, duration = 3447 msec, parallelization 60%

```

There were errors. (0:03.77)

however, builds and runs in Debug mode!?

```

----- CtrlLib ( GUI MSC9 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) ( 1 / 9 )
----- CtrlCore ( GUI MSC9 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) ( 2 / 9 )
----- Draw ( GUI MSC9 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) ( 3 / 9 )
----- plugin/bmp ( GUI MSC9 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) ( 4 / 9 )
----- RichText ( GUI MSC9 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) ( 5 / 9 )
----- Core ( GUI MSC9 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) ( 6 / 9 )
BLITZ: Cpu.cpp Mt.cpp sheap.cpp String.cpp WString.cpp StrUtil.cpp Bom.cpp Path.cpp
NetNode.cpp App.cpp Stream.cpp BlockS
Stream.cpp Log.cpp Debug.cpp Util.cpp mathutil.cpp Random.cpp LocalProcess.cpp Vcont.cpp
Hash.cpp Callback.cpp TimeDat

```

e.cpp OldValue.cpp Value.cpp ValueUtil.cpp Format.cpp Convert.cpp Color.cpp Gtypes.cpp t.cpp
Lang.cpp LangInfo.cpp pa
rser.cpp XML.cpp Xmlize.cpp JSON.cpp Uuid.cpp Ptr.cpp z.cpp Topic.cpp CoWork.cpp MD5.cpp
SHA1.cpp InetUtil.cpp Socket
.cpp Http.cpp Dli.cpp Win32Util.cpp
----- plugin/z (GUI MSC9 DEBUG DEBUG_FULL BLITZ WIN32 MSC) (7 / 9)
----- plugin/png (GUI MSC9 DEBUG DEBUG_FULL BLITZ WIN32 MSC) (8 / 9)
----- MSC_TestAPP001 (GUI MAIN MSC9 DEBUG DEBUG_FULL BLITZ WIN32 MSC) (9 / 9)
\$blitz.cpp
main.cpp
MSC_TestAPP001: 1 file(s) built in (0:01.37), 1375 msec / file, duration = 2839 msec,
parallelization 69%
Core: 48 file(s) built in (0:02.11), 44 msec / file, duration = 3604 msec, parallelization 55%
Linking...
J:\Out\MyApps\MSC_TestAPP001\MSC9.Debug.Debug_Full.Gui.Main\MSC_TestAPP001.exe
(4574720 B) linked in (0:05.30)

OK. (0:05.44)

also the MXC9X64 compiler seems to have no problem compiling the app in optimal mode.

----- CtrlLib (GUI MSC9X64 SHARED BLITZ WIN32 MSC) (1 / 9)
----- CtrlCore (GUI MSC9X64 SHARED BLITZ WIN32 MSC) (2 / 9)
----- Draw (GUI MSC9X64 SHARED BLITZ WIN32 MSC) (3 / 9)
----- plugin/bmp (GUI MSC9X64 SHARED BLITZ WIN32 MSC) (4 / 9)
----- RichText (GUI MSC9X64 SHARED BLITZ WIN32 MSC) (5 / 9)
----- Core (GUI MSC9X64 SHARED BLITZ WIN32 MSC) (6 / 9)
----- plugin/z (GUI MSC9X64 SHARED BLITZ WIN32 MSC) (7 / 9)
----- plugin/png (GUI MSC9X64 SHARED BLITZ WIN32 MSC) (8 / 9)
----- MSC_TestAPP001 (GUI MAIN MSC9X64 SHARED BLITZ WIN32 MSC) (9 / 9)
J:\Out\MyApps\MSC_TestAPP001\MSC9x64.Blitz.Gui.Main.Shared\MSC_TestAPP001.exe
(1422848 B) is up to date.

OK. (0:00.14)

Subject: Re: Compile Error for OleDb with MSC9 Compiler

Posted by [omari](#) on Fri, 11 Jan 2013 07:19:53 GMT

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Hi,

Quote:

----- SQLTestProj001 (GUI MAIN MSC9 DEBUG DEBUG_FULL BLITZ WIN32 MSC) (11 / 11)

Linking...

main.obj : error LNK2019: unresolved external symbol "public: virtual __thiscall
Upp::OleDBSession::~~OleDBSession(void)"

...

you have to add OleDB package to your package .

Regards,
omari

Subject: Re: Compile Error for OleDB with MSC9 Compiler

Posted by [navi](#) on Fri, 11 Jan 2013 07:23:11 GMT

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Ya just realize that and added it. it works!! hurry!!

For the other problem with MSC9 is just weird. any way downloaded the Windows SDK7.1 which has the MSC10 Works. so all good for now.

Thanks omari.

regards

Navi

Subject: Re: [SOLVE] Compile Error for OleDB with MSC9 Compiler

Posted by [navi](#) on Fri, 11 Jan 2013 08:12:24 GMT

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For all those who are still looking for a example of OleDB connecting to MS Access DB. Attached project is a working example.

You will need MSC10

Microsoft Windows SDK 7.1 Web Installer [498 KB]

Microsoft Windows SDK 7.1 ISO image file [567.3 MB]

File Attachments

1) [SQLTestProj001 11-01-2013 #1902.rar](#), downloaded 297 times

Subject: Re: [SOLVE] Compile Error for OleDb with MSC9 Compiler
Posted by [navi](#) on Fri, 11 Jan 2013 08:13:43 GMT
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Screen Cap

File Attachments

1) [Screen Cap.PNG](#), downloaded 773 times

