Subject: Compiling OLEDB using MINGW
Posted by Rikus on Thu, 20 Jul 2006 11:43:26 GMT
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I trying to use OLEDB in my application. I am using MINGW compiler. It fails with error OleDBSession not found

Can anyone assist

Subject: Re: Compiling OLEDB using MINGW
Posted by unodgs on Thu, 20 Jul 2006 12:16:01 GMT
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Rikus wrote on Thu, 20 July 2006 07:43I trying to use OLEDB in my application. I am using MINGW compiler. It fails with error OleDBSession not found

Can anyone assist
Add this line to your code (I suppose that oledb package is already in project):

#include <OleDB/OleDB.h>

Subject: Re: Compiling OLEDB using MINGW
Posted by Rikus on Thu, 20 Jul 2006 12:18:05 GMT
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I did, but it still fails to compile. It looks like MINGW can not compile the code. Why is this?

Subject: Re: Compiling OLEDB using MINGW
Posted by unodgs on Thu, 20 Jul 2006 19:35:49 GMT
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Rikus wrote on Thu, 20 July 2006 08:18I did, but it still fails to compile. It looks like MINGW can not compile the code. Why is this?

The best would be if you showed your code. Anyway I use oledb without any problem but I use VC++ 8.0. Why don't you download free vc7.1 toolkit and check if your code compiles?

Subject: Re: Compiling OLEDB using MINGW
Posted by rbmatt on Thu, 20 Jul 2006 19:36:39 GMT
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Rikus wrote on Thu, 20 July 2006 08:18I did, but it still fails to compile. It looks like MINGW can not compile the code. Why is this?
The package seems to compile for me. I guess it's something about your code. Zip up your project and attach it here. I'm sure someone will take a look at it.

Subject: Re: Compiling OLEDB using MINGW
Posted by Rikus on Fri, 21 Jul 2006 04:05:24 GMT
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I used the VC7.1 and 8 and it works accept now when I reference MYSQL I get
LIBCMTD.lib(_file.obj) : error LNK2005: ___iob_func already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(dbgheap.obj) : error LNK2005: _malloc already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(dbgheap.obj) : error LNK2005: _calloc already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(dbgheap.obj) : error LNK2005: _free already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(dbgheap.obj) : error LNK2005: __CrtSetCheckCount already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(crt0dat.obj) : error LNK2005: _exit already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(crt0dat.obj) : error LNK2005: __exit already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(crt0dat.obj) : error LNK2005: __cexit already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(crt0dat.obj) : error LNK2005: __amsg_exit already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(crt0dat.obj) : error LNK2005: __initterm_e already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(fflush.obj) : error LNK2005: _fflush already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(invarg.obj) : error LNK2005: __invoke_watson already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(setlocal.obj) : error LNK2005: __configthreadlocale already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(setlocal.obj) : error LNK2005: _setlocale already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(tidtable.obj) : error LNK2005: __encode_pointer already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(tidtable.obj) : error LNK2005: __decode_pointer already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(osfinfo.obj) : error LNK2005: __open_osfhandle already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(dbghook.obj) : error LNK2005: __crt_debugger_hook already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(sprintf.obj) : error LNK2005: _sprintf already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(crt0init.obj) : error LNK2005: ___xi_a already defined in MSVCRTD.lib(cinitexe.obj)

LIBCMTD.lib(crt0init.obj) : error LNK2005: ___xi_z already defined in MSVCRTD.lib(cinitexe.obj)
LIBCMTD.lib(crt0init.obj) : error LNK2005: ___xc_a already defined in MSVCRTD.lib(cinitexe.obj)
LIBCMTD.lib(crt0init.obj) : error LNK2005: ___xc_z already defined in MSVCRTD.lib(cinitexe.obj)
LIBCMTD.lib(hooks.obj) : error LNK2005: "void __cdecl terminate(void)" (?terminate@@YAXXZ) already defined in
  MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(winxfltr.obj) : error LNK2005: __XcptFilter already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(winsig.obj) : error LNK2005: _signal already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(mlock.obj) : error LNK2005: __lock already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(mlock.obj) : error LNK2005: __unlock already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(tzset.obj) : error LNK2005: __tzset already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(dosmap.obj) : error LNK2005: __dosmaperr already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(dosmap.obj) : error LNK2005: __errno already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(dosmap.obj) : error LNK2005: ___doserrno already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(vsprintf.obj) : error LNK2005: _vsprintf already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(errmode.obj) : error LNK2005: ___set_app_type already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(_ctype.obj) : error LNK2005: _isxdigit already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(_ctype.obj) : error LNK2005: _isspace already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(_ctype.obj) : error LNK2005: _iscntrl already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(atox.obj) : error LNK2005: _atoi already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(getenv.obj) : error LNK2005: _getenv already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(dbgrptw.obj) : error LNK2005: __CrtDbgReportW already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(printf.obj) : error LNK2005: _printf already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(strtol.obj) : error LNK2005: _strtol already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(strtol.obj) : error LNK2005: _strtoul already defined in MSVCRTD.lib(MSVCR80D.dll)
LIBCMTD.lib(ismbbyte.obj) : error LNK2005: __ismbblead already defined in MSVCRTD.lib(MSVCR80D.dll)
MSVCRTD.lib(MSVCR80D.dll) : error LNK2005: __stricmp already defined in LIBCMTD.lib(stricmp.obj)
LINK : warning LNK4098: defaultlib 'MSVCRTD' conflicts with use of other libs; use /NODEFAULTLIB:library
LINK : warning LNK4098: defaultlib 'LIBCMTD' conflicts with use of other libs; use /NODEFAULTLIB:library
LIBCMTD.lib(crt0.obj) : error LNK2019: unresolved external symbol _main referenced in function

___tmainCRTSta
rtup
C:\upp\out\Debug\ACG\Extractor.exe : fatal error LNK1120: 1 unresolved externals

I am trying to write an app that will allow a user to extract data from OLEDB databases, MYSQL and Oracle

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Subject: Re: Compiling OLEDB using MINGW
Posted by rrous on Wed, 13 Dec 2006 10:22:48 GMT
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I don't think MINGW can work with OLEDB.
There is a directive in OleDb.h:
#if defined(PLATFORM_WIN32) && defined(COMPILER_MSC)
So I guess, U can use it only on Windows and with Microsoft compiler.

In addition U have to install MDAC SDK (http://msdn.microsoft.com/data/ref/mdac/downloads/)

But I am not a programmer, so I could be completely wrong

Subject: Re: Compiling OLEDB using MINGW
Posted by zsolt on Wed, 13 Dec 2006 10:56:48 GMT
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Quote:C:\upp\out\Debug\ACG\Extractor.exe : fatal error LNK1120: 1 unresolved externals

I am trying to write an app that will allow a user to extract data from OLEDB databases, MYSQL and Oracle

The problem is, that free MS kits do not have multithreaded debug libraries. Try to compile and link in Optimal [Release] mode.

Subject: Re: Compiling OLEDB using MINGW
Posted by mirek on Sun, 17 Dec 2006 16:37:38 GMT
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zsolt wrote on Wed, 13 December 2006 05:56Quote:C:\upp\out\Debug\ACG\Extractor.exe : fatal error LNK1120: 1 unresolved externals

I am trying to write an app that will allow a user to extract data from OLEDB databases, MYSQL and Oracle

The problem is, that free MS kits do not have multithreaded debug libraries. Try to compile and link in Optimal [Release] mode.

Latest MS SDK comes with MSC8 and has all libraries needed. It is now primary MS tool supported by U++.

Mirek
