Subject: Compiling error for mysql
Posted by BioBytes on Wed, 12 Nov 2008 13:56:59 GMT
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Hi all,

I tried to compile an app skeleton based on the use of mysql 5.0 under MINGW. Following the indications already published on UPP forum, I added paths to MYSQL Server directories (path, include and lib) to the Build environment and to the MYSQL.h header file. All the ISO and related error to mysql types disappear but there is still one error remaining :

DBPrjMain.cpp
DBProject: 1 file(s) built in (0:04.23), 4234 msecs / file, duration = 4250 msecs, parallelization 0%
Linking...
D:\logiciels\dvt\ultimate\mingw\bin/ld.exe: cannot find -lmysql
collect2: ld returned 1 exit status

There were errors. (0:07.48)

Is anybody have an idea about it ?

Thanks in advance for help

Kind regards

Biobytes

Subject: Re: Compiling error for mysql
Posted by captainc on Wed, 12 Nov 2008 19:33:48 GMT
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The linker is looking for the library file from the mysql 5 installation. For MINGW: libmysql.a/libmysql.so, for MSC: mysql.lib/mysql.dll. You will have to make sure your lib path from TheIDE settings can see the library files or to specify -Idirectory as extra parameter to the linker.

Subject: Re: Compiling error for mysql
Posted by sergeynikitin on Wed, 12 Nov 2008 19:56:43 GMT
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I has solved this problem under Win XP by Installing MS Visio C++ 2005 and then autoconfig TheIDE (check include paths - mysql include must be in list). (I can compile ONLY in DEBUG mode).

Under MINGW - problem are stay.

Maybe anybody know how to compile mysql under MinGW. (Step By Step).

Maybe ask Mirek to include some version of mysql's mingw lib files to Uppsrc as package (or upload ready to compile package to some site).

Subject: Re: Compiling error for mysql
Posted by BioBytes on Wed, 12 Nov 2008 20:11:08 GMT
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Thanks both of you for your reply. I have added libmysql.a to the Mingw bin directory and all is compiling without any error. But as soon as I declare an object like :

private:
 MySqlSession DBprj;

I get a compiler error like "MySqlSession does not have a name type". This is very similar the error obtained when you try to compile an app based on OleDB with MINGW compiler (I have understood that in that case a MSC must be used). But what about mySql?

If I suppress the MySqlSession object, no error is happening.

Please could you comment ?

Thank you aggain for your advices

Best regards
Biobytes

Subject: Re: Compiling error for mysql
Posted by captainc on Wed, 12 Nov 2008 23:36:29 GMT
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That's strange.
whats the exact error output?

Subject: Re: Compiling error for mysql
Posted by BioBytes on Thu, 13 Nov 2008 08:46:29 GMT
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Hi CaptainC and Sergey,

I have added all the information related to the compiling issue in the attached zipped file.

Why I do not understand is that all seems to go the right way and then just have a "does not name type" error at the final step. I have also joined the Build config and the file header that contains the MySqlSession object.

I wonder if there could a problem with the MYSQL version (I use 5.1) and the version of the libmysql.a library.

Hoping that could be heplful,

Kind regards
Biobytes

File Attachments

1) MySql compiler issue.zip, downloaded 559 times

Subject: Re: Compiling error for mysql
Posted by sergeynikitin on Thu, 13 Nov 2008 09:19:53 GMT
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this code are working

```
 MySqlSession session;
 if(!session.Connect(app.mysql_username, app.mysql_password, app.mysql_database,
app.mysql_server)) {
  printf("Can't connect with MySql\n");
  PromptOK(t_("Can't connect with MySql"));
  return;
 }
 mysql_set_character_set(session, "utf8");

 SQL = session;
 Sql sql(session);
```

under linux (ubuntu 8.04 - compiler GCC) and
under windows (XP - compiler Visual Studio 2005)

Subject: Re: Compiling error for mysql
Posted by BioBytes on Fri, 14 Nov 2008 08:54:10 GMT
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Thanks you Sergey for your comments and help.

I will download VC++ studio express this weekend and try to compile my code according to your template. I will back to the forum to confirm if it works.

Best regards
Biobytes

Subject: Re: Compiling error for mysql
Posted by captainc on Fri, 14 Nov 2008 13:38:54 GMT
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Quote:I wonder if there could a problem with the MYSQL version (I use 5.1) and the version of the libmysql.a library.
Just make sure the headers and the compiled libraries are from the same exact version... otherwise, it should be fine (backwards compatible at least).

Subject: Re: Compiling error for mysql
Posted by forlano on Sun, 14 Feb 2010 10:40:48 GMT
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captainc wrote on Wed, 12 November 2008 20:33The linker is looking for the library file from the mysql 5 installation. For MINGW: libmysql.a/libmysql.so, for MSC: mysql.lib/mysql.dll. You will have to make sure your lib path from TheIDE settings can see the library files or to specify -Idirectory as extra parameter to the linker.

Hello,

I've MSVS9 and I need to download the necessary files and libs to work with MySql and U++. The download list at
http://www.mysql.com/downloads/
is a bit confusing for me. What have I to download?

Thanks,
Luigi

Subject: Re: Compiling error for mysql
Posted by forlano on Thu, 11 Mar 2010 20:34:33 GMT
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forlano wrote on Sun, 14 February 2010 11:40
I've MSVS9 and I need to download the necessary files and libs to work with MySql and U++. The download list at
http://www.mysql.com/downloads/
is a bit confusing for me. What have I to download?

Thanks,
Luigi

I got the answwer. The right download is the package
mysql-connector-c-6.0.2-win32.msi

to be downloaded from
http://www.mysql.com/downloads/connector/c/

PS: I have just discovered that using
sql.Execute("...");
and
sql.Fetch()
I can easily replicate all my PHP scripts. Very nice. Upp is a continue discovery

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Subject: Re: Compiling error for mysql
Posted by ratah on Wed, 06 Oct 2010 10:07:33 GMT
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Hi,

Quote:The linker is looking for the library file from the mysql 5 installation. For MINGW: libmysql.a/libmysql.so, for MSC: mysql.lib/mysql.dll. You will have to make sure your lib path from TheIDE settings can see the library files or to specify -Idirectory as extra parameter to the linker.

Where can i do TheIDE settings

Thank you

Subject: Re: Compiling error for mysql
Posted by ratah on Fri, 08 Oct 2010 09:27:02 GMT
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http://www.ultimatepp.org/forum/index.php?t=msg&goto=291 64&#msg_29164
