
Subject: ProtectEncrypt and MySQL

Posted by [idkfa46](#) on Sun, 05 May 2013 16:01:45 GMT

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Hi,

I tried to compile the Protect package from bazaar. Compiling it I got an error because I need MySQL so I downloaded and set it up following this guide from website:

[http://www.ultimatepp.org/srcdoc\\$MySQL\\$NativeMySQL\\$ro-ro.htm](http://www.ultimatepp.org/srcdoc$MySQL$NativeMySQL$ro-ro.htm)

-I add the MySQL server installation paths into the three tabs in Build methods
-I set the ".MYSQLDLL" build flag.

At the moment I'm on windows with:

-UPP version 6031

-MSC9

-MySQL 5.5 and 5.6 (I tried both versions)

When I compile the ProtectEncrypt package I receive the following error:

```
----- ProtectEncrypt ( MYSQLDLL MAIN MSC9 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) (9 / 9)
```

```
Linking...
```

```
LINK : fatal error LNK1104: impossibile aprire il file 'debug\libmysql.lib'
```

There were errors. (0:00.09)

I checked on "MySQL\MySQL Server 5.5\lib\debug\" and libmysql.lib file isn't there.

I have found it in "MySQL\MySQL Server 5.5\lib\" so I tried to copy and replace it in the right subfolder. Compiling it again the IDE gave me the new error:

```
----- ProtectEncrypt ( MYSQLDLL MAIN MSC9 DEBUG DEBUG_FULL BLITZ WIN32 MSC ) (9 / 9)
```

```
Linking...
```

```
MySql.obj : error LNK2019: riferimento al simbolo esterno _mysql_set_character_set@8 non risolto nella funzione
```

```
  "private: bool __thiscall Upp::MySqlConnection::DoConnect(void)"  
(?DoConnect@MySqlConnection@Upp@@AAE_NXZ)
```

```
MySql.obj : error LNK2019: riferimento al simbolo esterno _mysql_real_connect@32 non risolto nella funzione "pr
```

```
ivate: bool __thiscall Upp::MySqlConnection::DoConnect(void)"  
(?DoConnect@MySqlConnection@Upp@@AAE_NXZ)
```

```
MySql.obj : error LNK2019: riferimento al simbolo esterno _mysql_init@4 non risolto nella funzione "private: bo
```

```
ol __thiscall Upp::MySqlConnection::DoConnect(void)"  
(?DoConnect@MySqlConnection@Upp@@AAE_NXZ)
```

MySql.obj : error LNK2019: riferimento al simbolo esterno _mysql_close@4 non risolto nella funzione "public: void __thiscall Upp::MySqlConnection::Close(void)" (?Close@MySqlConnection@Upp@@QAEXXZ)

MySql.obj : error LNK2019: riferimento al simbolo esterno _mysql_error@4 non risolto nella funzione "private: bool __thiscall Upp::MySqlConnection::MysqlQuery(char const *)" (?MysqlQuery@MySqlConnection@Upp@@AAE_NPBD@Z)

MySql.obj : error LNK2019: riferimento al simbolo esterno _mysql_errno@4 non risolto nella funzione "private: bool __thiscall Upp::MySqlConnection::MysqlQuery(char const *)" (?MysqlQuery@MySqlConnection@Upp@@AAE_NPBD@Z)

MySql.obj : error LNK2019: riferimento al simbolo esterno _mysql_query@8 non risolto nella funzione "private: bool __thiscall Upp::MySqlConnection::MysqlQuery(char const *)" (?MysqlQuery@MySqlConnection@Upp@@AAE_NPBD@Z)

MySql.obj : error LNK2019: riferimento al simbolo esterno _mysql_real_escape_string@16 non risolto nella funzione "private: class Upp::String __thiscall Upp::MySqlConnection::EscapeString(class Upp::String const &)" (?EscapeString@MySqlConnection@Upp@@AAE?AVString@2@ABV32@@@Z)

MySql.obj : error LNK2019: riferimento al simbolo esterno _mysql_insert_id@4 non risolto nella funzione "protected: virtual bool __thiscall Upp::MySqlConnection::Execute(void)" (?Execute@MySqlConnection@Upp@@MAE_NXZ)

MySql.obj : error LNK2019: riferimento al simbolo esterno _mysql_fetch_field_direct@8 non risolto nella funzione "protected: virtual bool __thiscall Upp::MySqlConnection::Execute(void)" (?Execute@MySqlConnection@Upp@@MAE_NXZ)

MySql.obj : error LNK2019: riferimento al simbolo esterno _mysql_num_fields@4 non risolto nella funzione "protected: virtual bool __thiscall Upp::MySqlConnection::Execute(void)" (?Execute@MySqlConnection@Upp@@MAE_NXZ)

MySql.obj : error LNK2019: riferimento al simbolo esterno _mysql_affected_rows@4 non risolto nella funzione "protected: virtual bool __thiscall Upp::MySqlConnection::Execute(void)" (?Execute@MySqlConnection@Upp@@MAE_NXZ)

MySql.obj : error LNK2019: riferimento al simbolo esterno _mysql_store_result@4 non risolto nella funzione "protected: virtual bool __thiscall Upp::MySqlConnection::Execute(void)" (?Execute@MySqlConnection@Upp@@MAE_NXZ)

MySql.obj : error LNK2019: riferimento al simbolo esterno _mysql_fetch_lengths@4 non risolto nella funzione "protected: virtual bool __thiscall Upp::MySqlConnection::Fetch(void)" (?Fetch@MySqlConnection@Upp@@MAE_NXZ)

MySql.obj : error LNK2019: riferimento al simbolo esterno _mysql_fetch_row@4 non risolto nella funzione "protected: virtual bool __thiscall Upp::MySqlConnection::Fetch(void)"

(?Fetch@MySqlConnection@Upp@ @MAE_NXZ)

MySql.obj : error LNK2019: riferimento al simbolo esterno _mysql_free_result@4 non risolto nella funzione "priv

ate: void __thiscall Upp::MySqlConnection::FreeResult(void)"

(?FreeResult@MySqlConnection@Upp@ @AAEXXZ)

C:\upp\out\bazaar\MSC9.Debug.Debug_Full.Mysqldll\ProtectEncrypt.exe : fatal error LNK1120: 16 esterni non risol

ti

There were errors. (0:00.46)

How can I solve it?

Thanks,
Matteo

Subject: Re: ProtectEncrypt and MySQL
Posted by [koldo](#) on Sun, 05 May 2013 17:07:23 GMT
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Hello Matteo

I do not have MySQL so I compile the project with the USE_SQLITE flag.

Subject: Re: ProtectEncrypt and MySQL
Posted by [BioBytes](#) on Sun, 05 May 2013 17:19:31 GMT
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Hi Matteo,

The problem comes from the linker that cannot find the path to the debug version of libmysql.lib. Normally your MySql server installation should include 2 folders (debug and opt) in the lib directory.

I use MySql Sever 5.5 and I have no problem to use MySql in my applications following the instructions given in Native connection topic.

Let me know if you have still the problem

Regards
Biobytes

Subject: Re: ProtectEncrypt and MySQL
Posted by [idkfa46](#) on Sun, 05 May 2013 17:28:09 GMT
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With the USE_SQLITE flag I can compile it.

I checked again MySQL/.../lib/ folder but there isn't the opt/ subfolder inside.
Can I manually add it ?

Regards,
Matteo

There are problems/limitations using the USE_SQLITE flag ?!

File Attachments

1) [Cattura.PNG](#), downloaded 935 times

Subject: Re: ProtectEncrypt and MySQL
Posted by [BioBytes](#) on Mon, 06 May 2013 19:15:51 GMT
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Hi Matteo,

Sorry for late reply. Please find hereafter a screenshot showing MySql Server 5.5 installation on my computer

I think you could add the debug and opt directory but you need debug versions of libmysql.dll and libmysql.lib

Let me know farther if your problem is solved.

I have not yet experience with Sqlite.

Regards

Biobytes

File Attachments

1) [MySql-Ins.jpg](#), downloaded 859 times

Subject: Re: ProtectEncrypt and MySQL
Posted by [idkfa46](#) on Tue, 07 May 2013 07:39:21 GMT
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could u upload me ur lib folder?

Thanks,
Matteo

Subject: Re: ProtectEncrypt and MySQL
Posted by [BioBytes](#) on Tue, 07 May 2013 18:56:26 GMT
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Hi Matteo,

The lib folder even compressed (7zip archive) is too huge to be uploaded (close to 3Mo)

Let me know an e-mail address to send it

Regards

Biobytes

Subject: Re: ProtectEncrypt and MySQL
Posted by [idkfa46](#) on Thu, 09 May 2013 16:57:15 GMT
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hi BioBytes,
here is my email : matteo@matteomosconi.com

thanks,
Matteo

Subject: Re: ProtectEncrypt and MySQL
Posted by [BioBytes](#) on Thu, 09 May 2013 17:59:06 GMT
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Hello,

I just sent the file to your e-mail

Regards

Biobytes

Subject: Re: ProtectEncrypt and MySQL
Posted by [idkfa46](#) on Thu, 09 May 2013 20:40:47 GMT
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Well, atm this is my situation:

- using the USE_SQLITE flag I can correctly compile the ProtectEncrypt and the ProtectTest.
- using the .MYSQLDLL flag and the BioBytes's lib folder i can compile it only in optimal mode. In debug mode I receive the following error: "application can't find LIBMYSQL.dll..." and crash!

I checked in \lib\debug folder and libmysql.dll is there...
BioBytes, you can compile in debug mode too ?

Regards,
Matteo

Subject: Re: ProtectEncrypt and MySQL
Posted by [BioBytes](#) on Fri, 10 May 2013 19:33:33 GMT
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Hi Matteo,

Protect Encrypt compiles correctly either in debug or optimal mode using MSC9.

I got errors for MySqlClient lib if I do not set the .MySqlDll flag in "Project/Main package configuration(s)" IDE menu. See below:

The same setting must be done in order to compile correctly Protect Test (GUI version).

Hope this will help

Let me know

Regards

Biobytes

File Attachments

1) [Flag-MySql.jpg](#), downloaded 819 times

Subject: Re: ProtectEncrypt and MySQL
Posted by [idkfa46](#) on Sat, 11 May 2013 09:07:29 GMT
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here my screen:

Like u can see, I'm on MSC9 with .MYSQLDLL flag but I have a System error...

Regards,
Matteo

File Attachments

1) [Immagine.png](#), downloaded 802 times

Subject: Re: ProtectEncrypt and MySQL
Posted by [BioBytes](#) on Sat, 11 May 2013 09:37:23 GMT
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Hi Matteo,

It seems that the application cannot find path to the libmysql.dll lib. Try to copy libmysql.dll to your outpi ut directory where the exe file is built.

Regards

Biobytes

Subject: Re: ProtectEncrypt and MySQL
Posted by [idkfa46](#) on Sun, 12 May 2013 17:16:55 GMT
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works...

With dll in the output directory it's working in debug mode too

Regards,
Matteo

Subject: Re: ProtectEncrypt and MySQL
Posted by [BioBytes](#) on Sun, 12 May 2013 18:55:09 GMT
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Nice news,

If you do not wish to have the libmysql.dll in the out directory of your exe, you can try to copy the libmysql.dll file in c:\Windows or c:\Windows\System32 directories. It should work also.

Regards and happy coding

Biobytes

Subject: Re: ProtectEncrypt and MySQL
Posted by [idkfa46](#) on Wed, 15 May 2013 18:04:46 GMT
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Thank you Bio

You rock!!!!

Subject: Re: ProtectEncrypt and MySQL
Posted by [idkfa46](#) on Sat, 15 Feb 2014 15:05:10 GMT
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Bio,
formatting my pc i have lost libmysql.dll for debug mode.
Can u mail me back please? I'm not able to find the right versione on google...

matteo@matteomosconi.com
Matteo

Subject: Re: ProtectEncrypt and MySQL

Posted by [BioBytes](#) on Mon, 17 Feb 2014 19:17:15 GMT

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Hi Matteo,

Sorry for late reply due to hectic work in real life. I just posted the zip file to your personal email.

Let me know if any problem

Good programming

Biobytes

Subject: Re: ProtectEncrypt and MySQL

Posted by [idkfa46](#) on Wed, 19 Feb 2014 22:01:44 GMT

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Thank you Bio,
it's working fine

Matteo
