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Subject: linking has failed  
Posted by [idkfa46](#) on Sun, 18 Mar 2018 10:39:53 GMT  
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Hi guys, linking has failed!

What does it mean? Can you support me please?

Regards,  
Matteo

```
() : Linking has failed
() :
C:/upp/bin/mingw64/32/bin/./lib/gcc/i686-w64-mingw32/7.1.0/././././i686-w64-mingw32/bin/ld.exe: cannot find -lmysql
() : collect2.exe: error: ld returned 1 exit status
```

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Subject: Re: linking has failed  
Posted by [Klugier](#) on Sun, 18 Mar 2018 11:05:57 GMT  
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Hello,

Some time ago I see similar problem in the past -  
[https://www.ultimatepp.org/forums/index.php?t=msg&goto=4\\_9329&&srch=mysql#msg\\_49329](https://www.ultimatepp.org/forums/index.php?t=msg&goto=4_9329&&srch=mysql#msg_49329).

In brief, you need to add path to mysql library (.dll or .so files) in your build method. More information how to do in properly, you will find in above forum thread.

Sincerely,  
Klugier

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Subject: Re: linking has failed  
Posted by [idkfa46](#) on Sun, 18 Mar 2018 11:33:44 GMT  
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Hallo Klugier,  
thank you for your reply.

I already made it but seems to be not enough!

Here attached my current setting...

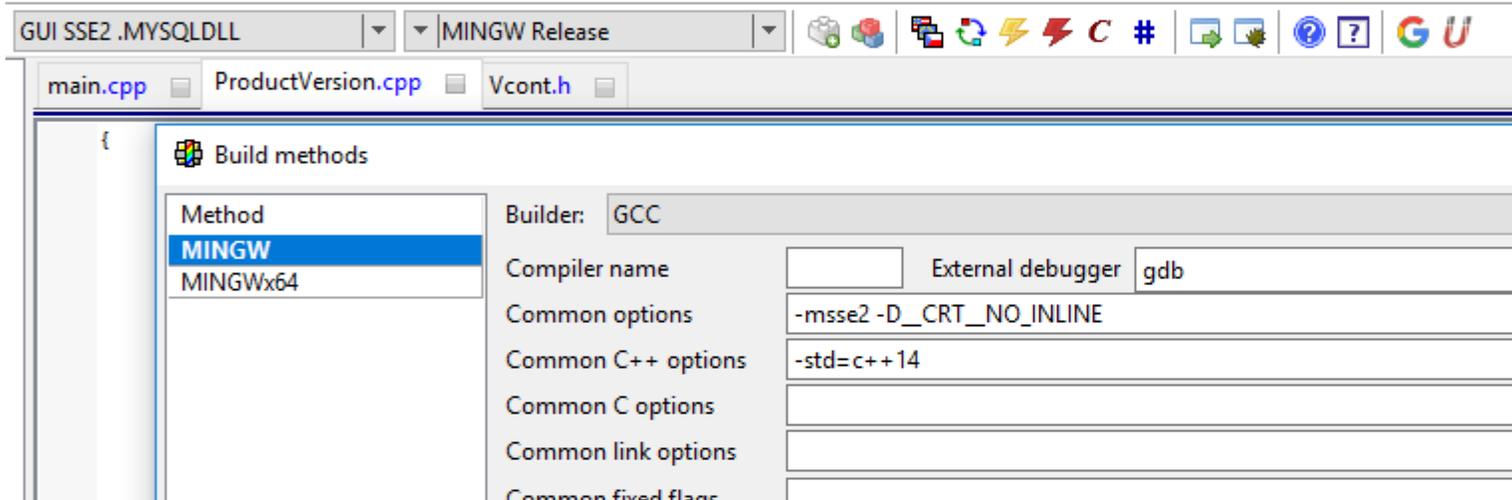
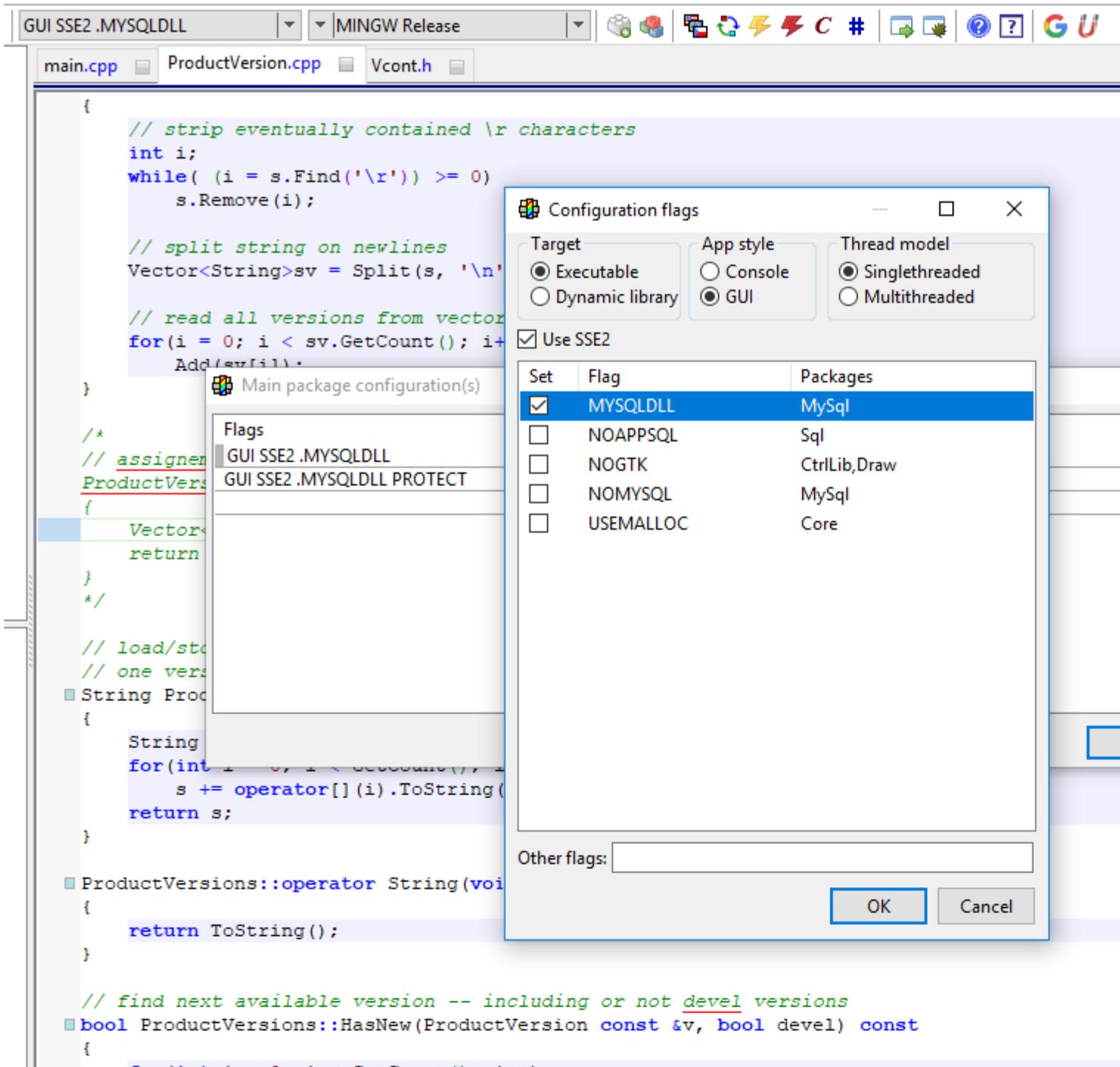
Where am I wrong?

Regards,  
Matteo

## File Attachments

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1) [Cattural.PNG](#), downloaded 396 times



Subject: Re: linking has failed  
Posted by [Klugier](#) on Sun, 18 Mar 2018 12:52:18 GMT  
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Hello,

Probably you shouldn't use ".../MySQL Server 5.5/lib/debug" (Build method - LIB directories) in release mode. Please find the way how to change that value for the release build. Optimally when your setup is correct, you should build debug and release mode.

Can you link your application in debug mode?

Sincerely,  
Klugier

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Subject: Re: linking has failed  
Posted by [idkfa46](#) on Sun, 18 Mar 2018 14:52:12 GMT  
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No, I already tryed!

I receive the same error message in debug mode too

Matteo

```
() : Linking has failed
() :
C:/upp/bin/mingw64/32/bin/./lib/gcc/i686-w64-mingw32/7.1.0/././././i686-w64-mingw32/bin/ld.exe: cannot find -lmysql
() : collect2.exe: error: ld returned 1 exit status
```

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Subject: Re: linking has failed  
Posted by [BioBytes](#) on Mon, 19 Mar 2018 10:57:09 GMT  
[View Forum Message](#) <> [Reply to Message](#)

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Hi Matteo,

Did you settle the "Main Package Organization" to GUI.MYSQLDLL. This can be done through the Thelde main menu "Project".

When installing your application, libMySql.dll file must be copied in Windows\System32 directory or in the same directory as the application exe file for dynamic linkage.

Maybe it could help

Cheers

Biobytes

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Subject: Re: linking has failed  
Posted by [Giorgio](#) on Mon, 19 Mar 2018 11:47:06 GMT  
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idkfa46 wrote on Sun, 18 March 2018 12:33  
Here attached my current setting...

It seems to me that the path in the lib directory is wrong: just try removing "debug" from the path.

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Subject: Re: linking has failed  
Posted by [idkfa46](#) on Sun, 25 Mar 2018 09:32:38 GMT  
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Hi guys,  
thank you for your support but none of the solutions are working at the moment...

BioBytes wrote on Mon, 19 March 2018 11:57Hi Matteo,  
Did you settle the "Main Package Organization" to GUI.MYSQLDLL. This can be done through the Thelde main menu "Project"....

My current setting is GUY SSE2.MYSQLDLL. I tried to complile without SSE2 but the risult is the same....

BioBytes wrote on Mon, 19 March 2018 11:57  
...When installing your application, libMySql.dll file must be copied in Windows\System32 directory or in the same directory as the application exe file for dynamic linkage...

I copied the libMySql.dll in the Windows\System32 directory but nothing change...

Giorgio wrote on Mon, 19 March 2018 12:47  
It seems to me that the path in the lib directory is wrong: just try removing "debug" from the path.

I updated the path in the lib directory to:  
"C:\Program Files\MySQL\MySQL Server 5.5\lib" but nothing change...

I always receive the same error message:

```
() : Linking has failed
():
C:/upp/bin/mingw64/32/bin/./lib/gcc/i686-w64-mingw32/7.1.0/././././i686-w64-mingw32/bin/ld.exe: cannot find -lmysql
(): collect2.exe: error: ld returned 1 exit status
```

something else to do???

Regards,  
Matteo

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Subject: Re: linking has failed  
Posted by [BioBytes](#) on Sun, 25 Mar 2018 19:52:41 GMT  
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Hi Matteo,

I realized that you compiled your project using MingW. Did you check that you have a libmysql.a in your ...MySQLServer5.5\lib folder? MingW cannot use libmysql.lib library only MSC.

Regards

Biobytes

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Subject: Re: linking has failed  
Posted by [idkfa46](#) on Thu, 29 Mar 2018 15:12:42 GMT  
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it workssssss!!!!

Thank you guys... thank you Biobytes, you rock!

My question is... why this libraries are not included in lib folder as default?!

Regards,  
Matteo

Subject: Re: linking has failed  
Posted by [BioBytes](#) on Sat, 31 Mar 2018 20:07:57 GMT  
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Hi Matteo,

Quote:My question is... why this libraries are not included in lib folder as default  
See below  
<http://gluescript.sourceforge.net/?q=node/39>

Would you post your libmysql.a ? I could be interested in comparing to my own installation.

Thx in advance,  
Biobytes

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Subject: Re: linking has failed  
Posted by [idkfa46](#) on Wed, 04 Apr 2018 17:25:41 GMT  
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BioBytes wrote on Sat, 31 March 2018 22:07  
Would you post your libmysql.a ? I could be interested in comparing to my own installation.

Here it is.

link: <https://www.dropbox.com/s/ut45zyhtwbu6v2z/libmysql.a?dl=0>

Regards,  
Matteo

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Subject: Re: linking has failed  
Posted by [BioBytes](#) on Fri, 06 Apr 2018 09:32:35 GMT  
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Hi Matteo,

Thanks a lot

Regards

Biobytes

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