
Subject: Re: Cannot compile MYSQL project
Posted by [forlano](#) on Wed, 29 Jan 2020 22:14:34 GMT
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mirek wrote on Wed, 29 January 2020 14:05 This was tricky one.

The problem is that CLANG treats include files case insensitive. Thus <mysql/mysql.h> in fact included the package's MySql.h recursively...

I have fixed it by redoing the code to:

```
#ifdef PLATFORM_POSIX
#ifdef PLATFORM_OSX
#include <mysql.h>
#else
#include <mysql/mysql.h>
#endif
#endif
```

so with MacOS you will need to point to inside that mysql folder. Not nice, but for now it will do.

Mirek

Thank you very much!

Now I was able to overcome the include problem... but unfortunately I stopped again at the lib. Below are the new complains.

Can I ask you which library you have installed and where point your path lib? I tried with all the library I have but nothing happened. Perhaps I need to set some flag or compiler option.

Luigi

Undefined symbols for architecture x86_64:

```
"_mysql_affected_rows", referenced from:
  Upp::MySqlConnection::Execute() in MySql.a(MySql.o)
"_mysql_close", referenced from:
  Upp::MySqlSession::DoConnect() in MySql.a(MySql.o)
  Upp::MySqlSession::Close() in MySql.a(MySql.o)
  Upp::MySqlSession::Reconnect() in MySql.a(MySql.o)
  Upp::MySqlSession::~~MySqlSession() in MySql.a(MySql.o)
"_mysql_errno", referenced from:
  Upp::MySqlSession::DoConnect() in MySql.a(MySql.o)
  Upp::MySqlSession::MysqlQuery(char const*) in MySql.a(MySql.o)
"_mysql_error", referenced from:
  Upp::MySqlSession::DoConnect() in MySql.a(MySql.o)
```

Upp::MySqlConnection::MysqlQuery(char const*) in MySqlConnection.o
"_mysql_fetch_field_direct", referenced from:
Upp::MySqlConnection::Execute() in MySqlConnection.o
"_mysql_fetch_lengths", referenced from:
Upp::MySqlConnection::Fetch() in MySqlConnection.o
"_mysql_fetch_row", referenced from:
Upp::MySqlConnection::Fetch() in MySqlConnection.o
"_mysql_free_result", referenced from:
Upp::MySqlConnection::Fetch() in MySqlConnection.o
Upp::MySqlConnection::FreeResult() in MySqlConnection.o
Upp::MySqlConnection::Cancel() in MySqlConnection.o
"_mysql_init", referenced from:
Upp::MySqlConnection::DoConnect() in MySqlConnection.o
"_mysql_insert_id", referenced from:
Upp::MySqlConnection::Execute() in MySqlConnection.o
"_mysql_more_results", referenced from:
Upp::MySqlConnection::Execute() in MySqlConnection.o
"_mysql_next_result", referenced from:
Upp::MySqlConnection::Execute() in MySqlConnection.o
"_mysql_num_fields", referenced from:
Upp::MySqlConnection::Execute() in MySqlConnection.o
"_mysql_query", referenced from:
Upp::MySqlConnection::MysqlQuery(char const*) in MySqlConnection.o
"_mysql_real_connect", referenced from:
Upp::MySqlConnection::DoConnect() in MySqlConnection.o
"_mysql_real_escape_string", referenced from:
Upp::MySqlConnection::EscapeString(Upp::String const&) in MySqlConnection.o
"_mysql_server_end", referenced from:
Upp::s__s53_fn() in MySqlConnection.o
"_mysql_server_init", referenced from:
__GLOBAL__sub_I_MySqlConnection.cpp in MySqlConnection.o
"_mysql_set_character_set", referenced from:
Upp::MySqlConnection::DoConnect() in MySqlConnection.o
"_mysql_store_result", referenced from:
Upp::MySqlConnection::Execute() in MySqlConnection.o
ld: symbol(s) not found for architecture x86_64
clang: error: linker command failed with exit code 1 (use -v to see invocation)
