

## Wt - Support #3645

### i want to compile wt, and use wtdbomysql, but an error occurred

11/05/2014 10:14 AM - Chainray Hou

<b>Status:</b>	New	<b>Start date:</b>	11/05/2014
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Wim Dumon	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	3.3.3		

#### Description

Hi,

when i compiled wt 3.3.3 or 3.3.4 and enabled mysql, an error occurred, like this:

Linking CXX shared library libwtdbomysql.dylib

Undefined symbols for architecture x86\_64:

"\_mysql\_close", referenced from:

Wt::Dbo::backend::MySQL::connect(std::\_1::basic\_string<char, std::1::char\_traits, std::1::allocator > const&, std::1::basic\_string<char, std::1::char\_traits, std::1::allocator > const&, std::1::basic\_string<char, std::1::char\_traits, std::1::allocator > const&, std::1::basic\_string<char, std::1::char\_traits, std::1::allocator > const&, unsigned int, std::1::basic\_string<char, std::1::char\_traits, std::\_1::allocator > const&) in MySQL.o

Wt::Dbo::backend::MySQL::~MySQL() in MySQL.o

"\_mysql\_commit", referenced from:

Wt::Dbo::backend::MySQL::commitTransaction() in MySQL.o

"\_mysql\_error", referenced from:

Wt::Dbo::backend::MySQL::connect(std::\_1::basic\_string<char, std::1::char\_traits, std::1::allocator > const&, std::1::basic\_string<char, std::1::char\_traits, std::1::allocator > const&, std::1::basic\_string<char, std::1::char\_traits, std::1::allocator > const&, std::1::basic\_string<char, std::1::char\_traits, std::1::allocator > const&, unsigned int, std::1::basic\_string<char, std::1::char\_traits, std::\_1::allocator > const&) in MySQL.o

Wt::Dbo::backend::MySQL::executeSql(std::\_1::basic\_string<char, std::1::char\_traits, std::\_1::allocator > const&) in MySQL.o

Wt::Dbo::backend::MySQL::startTransaction() in MySQL.o

Wt::Dbo::backend::MySQL::commitTransaction() in MySQL.o

Wt::Dbo::backend::MySQL::rollbackTransaction() in MySQL.o

"\_mysql\_fetch\_field\_direct", referenced from:

Wt::Dbo::backend::MySQLStatement::bind\_output() in MySQL.o

"\_mysql\_free\_result", referenced from:

Wt::Dbo::backend::MySQL::executeSql(std::\_1::basic\_string<char, std::1::char\_traits, std::\_1::allocator > const&) in MySQL.o

Wt::Dbo::backend::MySQL::startTransaction() in MySQL.o

Wt::Dbo::backend::MySQL::commitTransaction() in MySQL.o

Wt::Dbo::backend::MySQL::rollbackTransaction() in MySQL.o

Wt::Dbo::backend::MySQLStatement::execute() in MySQL.o

Wt::Dbo::backend::MySQLStatement::nextRow() in MySQL.o

Wt::Dbo::backend::MySQLStatement::~~MySQLStatement() in MySQL.o

...

"\_mysql\_init", referenced from:

Wt::Dbo::backend::MySQL::connect(std::\_1::basic\_string<char, std::1::char\_traits, std::1::allocator > const&, std::1::basic\_string<char, std::1::char\_traits, std::1::allocator > const&, std::1::basic\_string<char, std::1::char\_traits, std::1::allocator > const&, std::1::basic\_string<char, std::1::char\_traits, std::1::allocator > const&, unsigned int, std::1::basic\_string<char, std::1::char\_traits, std::\_1::allocator > const&) in MySQL.o

"\_mysql\_num\_fields", referenced from:

Wt::Dbo::backend::MySQLStatement::execute() in MySQL.o

Wt::Dbo::backend::MySQLStatement::nextRow() in MySQL.o

Wt::Dbo::backend::MySQLStatement::bind\_output() in MySQL.o

Wt::Dbo::backend::MySQLStatement::free\_outpars() in MySQL.o

"\_mysql\_options", referenced from:

Wt::Dbo::backend::MySQL::connect(std::\_1::basic\_string<char, std::1::char\_traits, std::1::allocator > const&, std::1::basic\_string<char, std::1::char\_traits, std::1::allocator > const&, std::1::basic\_string<char, std::1::char\_traits, std::1::allocator > const&, std::1::basic\_string<char, std::1::char\_traits, std::1::allocator > const&, unsigned int, std::1::basic\_string<char, std::1::char\_traits, std::\_1::allocator > const&) in MySQL.o

"\_mysql\_query", referenced from:

Wt::Dbo::backend::MySQL::executeSql(std::\_1::basic\_string<char, std::1::char\_traits, std::\_1::allocator > const&) in MySQL.o

Wt::Dbo::backend::MySQL::startTransaction() in MySQL.o

"\_mysql\_real\_connect", referenced from:

Wt::Dbo::backend::MySQL::connect(std::\_1::basic\_string<char, std::1::char\_traits, std::1::allocator > const&, std::1::basic\_string<char, std::1::char\_traits, std::1::allocator > const&, std::1::basic\_string<char, std::1::char\_traits, std::1::allocator > const&, std::1::basic\_string<char, std::1::char\_traits, std::1::allocator > const&, unsigned int, std::1::basic\_string<char, std::1::char\_traits, std::\_1::allocator > const&) in MySQL.o

"\_mysql\_rollback", referenced from:

Wt::Dbo::backend::MySQL::rollbackTransaction() in MySQL.o

"\_mysql\_server\_init", referenced from:

\_GLOBAL\_I\_a in MySQL.o

"\_mysql\_stmt\_affected\_rows", referenced from:

Wt::Dbo::backend::MySQLStatement::execute() in MySQL.o

"\_mysql\_stmt\_attr\_set", referenced from:

Wt::Dbo::backend::MySQLStatement::MySQLStatement(Wt::Dbo::backend::MySQL&, std::\_1::basic\_string<char, std::1::char\_traits, std::\_1::allocator > const&) in MySQL.o

"\_mysql\_stmt\_bind\_param", referenced from:

Wt::Dbo::backend::MySQLStatement::execute() in MySQL.o

"\_mysql\_stmt\_bind\_result", referenced from:

Wt::Dbo::backend::MySQLStatement::bind\_output() in MySQL.o

"\_mysql\_stmt\_close", referenced from:

Wt::Dbo::backend::MySQLStatement::~MySQLStatement() in MySQL.o

"\_mysql\_stmt\_error", referenced from:

Wt::Dbo::backend::MySQLStatement::MySQLStatement(Wt::Dbo::backend::MySQL&, std::\_1::basic\_string<char, std::1::char\_traits, std::\_1::allocator > const&) in MySQL.o

Wt::Dbo::backend::MySQLStatement::execute() in MySQL.o

Wt::Dbo::backend::MySQLStatement::nextRow() in MySQL.o

"\_mysql\_stmt\_execute", referenced from:

Wt::Dbo::backend::MySQLStatement::execute() in MySQL.o

"\_mysql\_stmt\_fetch", referenced from:

Wt::Dbo::backend::MySQLStatement::nextRow() in MySQL.o

"\_mysql\_stmt\_fetch\_column", referenced from:

Wt::Dbo::backend::MySQLStatement::getResult(int, std::\_1::basic\_string<char, std::1::char\_traits, std::\_1::allocator >\*, int) in MySQL.o

Wt::Dbo::backend::MySQLStatement::getResult(int, std::\_1::vector<unsigned char, std::\_1::allocator >\*, int) in MySQL.o

"\_mysql\_stmt\_field\_count", referenced from:

Wt::Dbo::backend::MySQLStatement::execute() in MySQL.o

"\_mysql\_stmt\_free\_result", referenced from:

Wt::Dbo::backend::MySQLStatement::nextRow() in MySQL.o

"\_mysql\_stmt\_init", referenced from:

Wt::Dbo::backend::MySQLStatement::MySQLStatement(Wt::Dbo::backend::MySQL&, std::\_1::basic\_string<char, std::1::char\_traits, std::\_1::allocator > const&) in MySQL.o

"\_mysql\_stmt\_insert\_id", referenced from:

Wt::Dbo::backend::MySQLStatement::execute() in MySQL.o

"\_mysql\_stmt\_param\_count", referenced from:

Wt::Dbo::backend::MySQLStatement::MySQLStatement(Wt::Dbo::backend::MySQL&, std::\_1::basic\_string<char, std::1::char\_traits, std::\_1::allocator > const&) in MySQL.o

Wt::Dbo::backend::MySQLStatement::~MySQLStatement() in MySQL.o

"\_mysql\_stmt\_prepare", referenced from:

Wt::Dbo::backend::MySQLStatement::MySQLStatement(Wt::Dbo::backend::MySQL&, std::\_1::basic\_string<char, std::1::char\_traits, std::\_1::allocator > const&) in MySQL.o

"\_mysql\_stmt\_result\_metadata", referenced from:

Wt::Dbo::backend::MySQLStatement::execute() in MySQL.o

"\_mysql\_stmt\_store\_result", referenced from:

Wt::Dbo::backend::MySQLStatement::execute() in MySQL.o

"\_mysql\_store\_result", referenced from:

```
Wt::Dbo::backend::MySQL::executeSql(std::_1::basic_string<char, std::_1::char_traits, std::_1::allocator > const&) in MySQL.o
```

```
Wt::Dbo::backend::MySQL::startTransaction() in MySQL.o
```

```
Wt::Dbo::backend::MySQL::commitTransaction() in MySQL.o
```

```
Wt::Dbo::backend::MySQL::rollbackTransaction() in MySQL.o
```

```
ld: symbol(s) not found for architecture x86_64
```

```
clang: error: linker command failed with exit code 1 (use -v to see invocation)
```

```
make[2]: * [src/Wt/Dbo/backend/libwtbomysql.3.3.3.dylib] Error 1
```

```
make[1]: * [src/Wt/Dbo/backend/CMakeFiles/wtbdmysql.dir/all] Error 2
```

```
make: * [all] Error 2
```

```
>
```

environments:

wt 3.3.3 or 3.3.4

boost 1.54 or 1.57

osx 10.9.4 64-bit

mysql-5.6.21-osx10.9-x86\_64.dmg

cmake-2.8.12.2-Darwin64-universal.dmg

Apple LLVM 6.0

thread model posix

I referred this page :

[http://redmine.webtoolkit.eu/projects/wt/wiki/Installing\\_Wt\\_on\\_Mac\\_OS\\_X\\_Lion](http://redmine.webtoolkit.eu/projects/wt/wiki/Installing_Wt_on_Mac_OS_X_Lion)

and set

```
MYSQL_LIBRARY = mysqlclient
```

```
MYSQL_INCLUDE = /usr/local/mysql/include
```

```
MYSQL_LIB = /usr/local/mysql/lib
```

```
MYSQL_PREFIX = /usr/local/mysql
```

and the cmake output

```
WARNING: Target "test.mysql" requests linking to directory "/usr/local/mysql/lib". Targets may link only to libraries. CMake is dropping the item.
```

```
WARNING: Target "wtbdmysql" requests linking to directory "/usr/local/mysql/lib". Targets may link only to libraries. CMake is dropping the item.
```

```
WARNING: Target "wtbdmysql" requests linking to directory "/usr/local/mysql/lib".
```

and it's okay when i disabled mysql.

so, I need some help to solve it.

Thanks!

## History

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#1 - 11/05/2014 10:52 AM - Chainray Hou

Hi

Sorry, I got it.

My leader solve this problem.

Must set MYSQL\_LIB = /usr/local/mysql/libmysqlclient.dylib

Thanks!

Chainray