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Subject: Re: Link error when using polymorphism  
Posted by [bytefield](#) on Sun, 04 May 2008 18:33:15 GMT  
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Well, there are some problems.  
You forgot to implement some functions

```
bool DBConnector::Disconnect()
{
}

bool DBConnector::Connect(String db)
{
}

int DBConnector::SQLExecDML(const String &request)
{
}

cResultSet DBConnector::SQLExecQuery(const String &request)
{
}
```

if you put these functions in DBConnector.cpp all thing goes normally, and program compiles without errors.

I've commented out  
//#include <Toolkit/Tools.h>  
//using namespace VirtualSofts::Tools;  
in every file, because you didn't provided that package, and also included in your project Core package if you want to use u++ Strings.

The program compiles well, but there are memory leaks and guess that is because you mix Ultimate++ code (String which is moveable and implement pick concept) with std containers which use deep copy concept. So you should use U++ containers or use std::string with std containers instead of Upp::String with std containers.

As suggestion: never mix Ultimate++ with STL and use case sensitive package name, because it matter on Linux platform.  
( you provided MySQLConnector instead of MySQLConnector)  
P.S.: SQL is implemented in Ultimate++ so you may use it if you need.

Edit: it didn't implement a polymorphic type.

Andrei

[File Attachments](#)

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1) [SQLTest.zip](#), downloaded 359 times

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