
Subject: Strange build error with OleDb

Posted by [NeilMonday](#) on Fri, 22 Nov 2013 14:29:34 GMT

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Hello all,

I am getting an error, and I do not know what the root cause is. This error does NOT occur when building the OleDb package, but it does occur when building my application's package. Here is the error:

```
...
SqlManager.cpp
C:\Tools\upp\uppsrc\OleDb\OleDb.h(79) : error C2248: 'Upp::Link<T>::Link' : cannot access
private member declared in class 'Upp::Link<T>'
    with
    [
        T=Upp::OleDbConnection
    ]
c:\tools\upp\uppsrc\core\Other.h(292) : see declaration of 'Upp::Link<T>::Link'
with
[
    T=Upp::OleDbConnection
]
This diagnostic occurred in the compiler generated function
'Upp::OleDbSession::OleDbSession(Upp::OleDbSession &)'
...
```

My class, SqlManager, has the following:

```
#ifndef _ContactTuner_SqlManager_h_
#define _ContactTuner_SqlManager_h_

#include <Core/Core.h>

#ifdef WIN32
    #define _OLEDB_DB_
#else
    #define _MYSQL_DB_
#endif

using namespace Upp;

#define MODEL "ATaS.sch"

#ifdef _OLEDB_DB_
#include <OleDb/OleDb.h>
#define SCHEMADIALECT <OleDb/OleDbSchema.h>
```

```

typedef OleDbSession DBSession;
#endif

#ifdef _MYSQL_DB_
#include <MySql/MySql.h>
#define SCHEMADIALECT <MySql/MySqlSchema.h>
typedef MySqlSession DBSession;
#endif

#undef DOMAIN

#include <Sql/sch_header.h>

class SqlManager
{
public:
...
DBSession GetATaSSession();
DBSession GetAESession();

private:
...
DBSession dbATaS;
DBSession dbAE;
};
#endif

```

Implementation is:

```

#include "SqlManager.h"
#include <Sql/sch_schema.h>
#include <Sql/sch_source.h>

...
DBSession SqlManager::GetATaSSession() {
    return dbATaS;
}

DBSession SqlManager::GetAESession() {
    return dbAE;
}

```