
Subject: Re: Accessing Database from multiple files
Posted by [ratah](#) on Wed, 02 Sep 2015 15:03:05 GMT
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Hi everyone,

I have this redefinition problem. Trying to do like this:

```
--- main.cpp ---
#include <Core/Core.h>
using namespace Upp;

#include "classBOOK.h"
#include "classBORROW.h"

CONSOLE_APP_MAIN
{
}

--- sqlheader.h --
#define SCHEMADIALECT <plugin/sqlite3/Sqlite3Schema.h>
#define MODEL <testsql/schema1.sch>
#include "Sql/sch_header.h"

--- classBOOK.h ----
#include <Core/Core.h>
#include <plugin/sqlite3/Sqlite3.h>
using namespace Upp;

#include "sqlheader.h"

class CBook
{
    CBook();
};

--- classBOOK.cpp ----

#include "classBOOK.h"
#include "Sql/sch_source.h"
#include "Sql/sch_schema.h"

CBook::CBook(){}

--- classBORROW.h ---
#include <Core/Core.h>
```

```
#include <plugin/sqlite3/Sqlite3.h>
using namespace Upp;
```

```
#include "sqlheader.h"
```

```
class CBorrow
{
    CBorrow();
};
```

```
--- classBORROW.cpp ---
#include "classBORROW.h"
#include "Sql/sch_source.h"
#include "Sql/sch_schema.h"
```

```
CBorrow::CBorrow(){}
```

I get this error

Quote:

```
In file included from D:\upp\uppsrc/Sql/sch_model.h:162:0,
                 from D:\upp\uppsrc/plugin/sqlite3/Sqlite3Schema.h:95,
                 from D:\upp\uppsrc/Sql/sch_header.h:38,
                 from D:\MyApps\testsql\sqlheader.h:3,
                 from D:\MyApps\testsql\classBORROW.h:8,
                 from D:\MyApps\testsql\testsql.cpp:5:
```

```
D:\MyApps\testsql/schema1.sch:1:1: error: redefinition of 'struct S_BOOK'
```

```
In file included from D:\upp\uppsrc/Sql/sch_model.h:162:0,
                 from D:\upp\uppsrc/plugin/sqlite3/Sqlite3Schema.h:95,
                 from D:\upp\uppsrc/Sql/sch_header.h:38,
                 from D:\MyApps\testsql\sqlheader.h:3,
                 from D:\MyApps\testsql\classBOOK.h:8,
                 from D:\MyApps\testsql\testsql.cpp:4:
```

```
D:\MyApps\testsql/schema1.sch:1:1: error: previous definition of 'struct S_BOOK'
```

```
In file included from D:\upp\uppsrc/Sql/sch_model.h:162:0,
                 from D:\upp\uppsrc/plugin/sqlite3/Sqlite3Schema.h:95,
                 from D:\upp\uppsrc/Sql/sch_header.h:38,
                 from D:\MyApps\testsql\sqlheader.h:3,
                 from D:\MyApps\testsql\classBORROW.h:8,
                 from D:\MyApps\testsql\testsql.cpp:5:
```

```
D:\MyApps\testsql/schema1.sch:7:1: error: redefinition of 'struct S_BORROW_RECORD'
```

```
In file included from D:\upp\uppsrc/Sql/sch_model.h:162:0,
                 from D:\upp\uppsrc/plugin/sqlite3/Sqlite3Schema.h:95,
                 from D:\upp\uppsrc/Sql/sch_header.h:38,
                 from D:\MyApps\testsql\sqlheader.h:3,
                 from D:\MyApps\testsql\classBOOK.h:8,
                 from D:\MyApps\testsql\testsql.cpp:4:
```

```
D:\MyApps\testsql/schema1.sch:7:1: error: previous definition of 'struct S_BORROW_RECORD'
```

testsql: 3 file(s) built in (0:03.65), 1217 msec / file, duration = 3719 msec, parallelization 73%

There were errors. (0:03.75)

Do someone can help me please to avoid redefinition.
Thanks in advanced
