Subject: More .sch files?
Posted by Wolfgang on Tue, 13 Dec 2011 15:54:53 GMT

I asked my how to make use of more than one .sch file, I mean if I want to use more than 1 sqlite3 database and want to use schema files?

For one it is clear, first I tell which file I want to use
#define SCHEMADIALECT <plugin/sqlite3/Sqlite3Schema.h>
#define MODEL <urlaub/urlaub.sch>
and then
SqlSchema sch(SQLITE3);
   All_Tables(sch);
   SqlPerformScript(sch.Upgrade());
   SqlPerformScript(sch.Attributes());
but I can't see how to specify more than one file for more than one database!

Subject: Re: More .sch files?
Posted by mirek on Tue, 13 Dec 2011 16:52:52 GMT

Wolfgang wrote on Tue, 13 December 2011 10:54I asked my how to make use of more than one .sch file, I mean if I want to use more than 1 sqlite3 database and want to use schema files?

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If I understand well where the problem is:

You can specify SqlSession as first SqlPerformScript parameter.

It is true that using more databases is somewhat more diffult, it is recommened to add NOAPPSQL config flag - that kicks out global SQL (and new SQLR), which is usually a source of errors in multidb apps...

Mirek

Subject: Re: More .sch files?
Posted by Wolfgang on Tue, 13 Dec 2011 20:31:50 GMT
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thank you for answer but how to tell the SqlSession which .sch file it should use?

do you told me this - or?

```
Sqlite3Session sql_db1;
Sqlite3Session sql_db2;

if (!sql_db1.Open(path)) { /* break */ }
if (!sql_db2.Open(path)) { /* break */ }

SqlSchema sch(SQLITE3);

All_Tables(sch);
SqlPerformScript(sql_db1, sch.Upgrade());
SqlPerformScript(sql_db1, sch.Attributes());

SqlPerformScript(sql_db2, sch.Upgrade());
SqlPerformScript(sql_db2, sch.Attributes());
```

I understand how to tell SqlPerformScript which session it should perform but I dont see the connection between
#define MODEL <urlaub/urlaub.sch>
and
SqlSchema sch(SQLITE3);

Subject: Re: More .sch files?
Posted by mirek on Wed, 14 Dec 2011 06:19:25 GMT
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Wolfgang wrote on Tue, 13 December 2011 15:31thank you for answer but how to tell the SqlSession which .sch file it should use?

do you told me this - or?

```
Sqlite3Session sql_db1;
Sqlite3Session sql_db2;

if (!sql_db1.Open(path)) { /* break */ }
if (!sql_db2.Open(path)) { /* break */ }

SqlSchema sch(SQLITE3);
```

All_Tables(sch);
SqlPerformScript(sql_db1, sch.Upgrade());
SqlPerformScript(sql_db1, sch.Attributes());

SqlPerformScript(sql_db2, sch.Upgrade());
SqlPerformScript(sql_db2, sch.Attributes());

I understand how to tell SqlPerformScript which session it should perform but I dont see the connection between
#define MODEL <urlaub/urlaub.sch>
and
SqlSchema sch(SQLITE3);

I see...

Well, it is all a bit complicated, however:

All_Tables

is static. So if you need more databases with different models, you have to place those schema includes in different files, mark them "no blitz" and create schema upload in each file.

Subject: Re: More .sch files?
Posted by mirek on Wed, 14 Dec 2011 07:53:14 GMT
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Another, perhaps better, but currently unexplored option for this case would be to enclose the schema includes in namespace...

(Frankly, this "more models per application" scenario is really rare, that is why it remains unexplored).

Subject: Re: More .sch files?
Posted by Wolfgang on Wed, 14 Dec 2011 08:26:58 GMT
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i see, thank you.