
Subject: simple example sqlite ref. not working core console

Posted by [mtdew3q](#) on Tue, 15 Oct 2019 00:47:48 GMT

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Hi all-

Am I doing something wrong with this code?

I am running the most recent nightly build. MinGW with SQLite plug-in.

I tried another type of join too. That one didn't work either. At the end, I will put in a code block the SQLite code that works.

I also added a foreign key statement in the create table for SQLite.

Is there a trick for joining SQLite tables?

Hey guys, I am having bad juju. Today, I got a virus off a mirror that I frequent for code. Wah! I ran this on my system with nmap, and there are no open ports :)

thanks,
roboloki

```
TABLE_(a)
  INT_ (id) PRIMARY_KEY AUTO_INCREMENT
  INT_ (mydate)
END_TABLE
```

```
TABLE_(b)
  INT_ (id) PRIMARY_KEY AUTO_INCREMENT
  INT_ (fk_A) REFERENCES (a)
  STRING_ (mytext, 35)
END_TABLE
```

```
#include <Core/Core.h>
#include <plugin/sqlite3/Sqlite3.h>
```

```
using namespace Upp;
```

```
#define SCHEMADIALECT <plugin/sqlite3/Sqlite3Schema.h>
#define MODEL <sqliteTest/ailien.sch>
#include "Sql/sch_header.h"
```

```
CONSOLE_APP_MAIN
{
  Sqlite3Session sqlite3;
  if(!sqlite3.Open(ConfigFile("ailien.db3"))) {
```

```

    Cout() << "Can't create or open database file\n";
    return;
}

#ifdef _DEBUG
    sqlite3.SetTrace();
#endif

SqlId a("a"), b("b"), fk_A("fk_A"), mydate("mydate"), id("id"), mytext("mytext");

    Sql sql(sqlite3);
    Select(id.Of(a), mytext.Of(b))
    .From(a)
    .InnerJoin(b)
    .On(id.Of(a) == fk_A.Of(b))
    .Where(id.Of(a) == 2);
    while(sql.Fetch())
        Cout() << sql[0] << ' ' << sql[1] << '\n' ;

    //Error: Schema join not found ,a,      b (if I used a reference join syntax instead of plain old
join)
}

select a.id, b.mytext from a join b
where a.id ==2;

```

Subject: Re: simple example sqlite ref. not working core console
 Posted by [mt dew3q](#) on Tue, 15 Oct 2019 02:26:01 GMT
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Hi-

Is sqlexp better supported with PostgreSQL?

I'd like to switch to PostgreSQL if so.

Maybe though I am just doing something spacey.

thanks,
 roboloki

Subject: Re: simple example sqlite ref. not working core console
 Posted by [mt dew3q](#) on Tue, 15 Oct 2019 03:46:50 GMT
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Hi u++,

I'm going to switch to Postgres. That is where the samples in tutorial come from with sqlexp.

If I run an execute, I can do joins in sqlite in native format without sqlexp possibly.

Have cool night.

Roboloki

Subject: Re: simple example sqlite ref. not working core console

Posted by [JeyCi](#) on Sat, 27 Feb 2021 15:57:46 GMT

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mt dew3q wrote on Tue, 15 October 2019 02:47Am I doing something wrong with this code?
Is there a trick for joining SQLite tables?

```
Sql sql(sqlite3);
Select(id.Of(a), mytext.Of(b))
.From(a)
.InnerJoin(b)
.On(id.Of(a) == fk_A.Of(b))
.Where(id.Of(a) == 2);
while(sql.Fetch())
    Cout() << sql[0] << ' ' << sql[1] << '\n' ;
```

//Error: Schema join not found ,a, b (if I used a reference join syntax instead of plain old join)

it was just an example of unattentiveness while reading SQL Tutorial

- just need to use cursor "sql*" to get then records from recordset while fetching

```
Sql sql(sqlite3);
sql * Select(id.Of(a), mytext.Of(b))
.From(a)
.InnerJoin(b)
.On(id.Of(a) == fk_A.Of(b))
.Where(id.Of(a) == 2);
```

the code of topic_starter is working...
