Subject: Sqlite Delete not working [SOLVED]
Posted by lectus on Sat, 19 Nov 2011 22:10:47 GMT
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Hello!
I'm trying Upp with Sqlite and an ArrayCtrl. So far this is an excellent tool for my tiny database apps. I got all the CRUD operations to work, but DELETE is not working.

Here is the code for DELETE:

```
String name = arr.Get(0);
Sql sql(db);
String x = "DELETE FROM PHONEBOOK WHERE NAME = '";
x += name;
x += "');";
sql.Execute(x);
arr.Remove(arr.GetCursor());
```

After this code gets executed the record is removed from ArrayCtrl arr, but the database doesn't change. When I refresh it the record is still there.

Any ideas?

Thanks

Subject: Re: Sqlite Delete not working
Posted by lectus on Sat, 19 Nov 2011 22:48:13 GMT
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Anyone?

Subject: Re: Sqlite Delete not working
Posted by tojocky on Sat, 19 Nov 2011 23:15:26 GMT
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Maybe you need to send commit command to sqlite?

Subject: Re: Sqlite Delete not working
Posted by lectus on Sat, 19 Nov 2011 23:20:40 GMT
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I already tried:
db.Commit()

Didn't work either.

Subject: Re: Sqlite Delete not working
Posted by lectus on Sun, 20 Nov 2011 00:13:13 GMT
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Hi!
I studied the HomeBudget example and put this code together:

```
SqlId PHONEBOOK("PHONEBOOK");
SqlId NAME("name");
String name = arr.Get(0);
SQL = db;
SQL.Begin();
SQL * Delete(PHONEBOOK).Where(NAME == name);
SQL.Commit();
arr.Remove(arr.GetCursor());
```

And now it works!

Looks like I better use this syntax. But I still haven't figured out why it didn't work using Execute().

Subject: Re: Sqlite Delete not working
Posted by Sender Ghost on Sun, 20 Nov 2011 00:33:50 GMT
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lectus wrote on Sun, 20 November 2011 01:13But I still haven't figured out why it didn't work using Execute().
Hello.

Because of quotes for name and ")" at the end?
Look here for the raw delete examples.

Subject: Re: Sqlite Delete not working
Posted by lectus on Sun, 20 Nov 2011 01:07:59 GMT
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Sender Ghost wrote on Sat, 19 November 2011 19:33lectus wrote on Sun, 20 November 2011 01:13But I still haven't figured out why it didn't work using Execute().
Hello.

Because of quotes for name and ")" at the end?
Look here for the raw delete examples.

Yeah true. The syntax of the DELETE command was wrong. lol
There was an extra ")" at the end. And the ' are required.
Now it worked.
The correct concatenation of the string is:

```
String x = "DELETE FROM PHONEBOOK WHERE NAME = '";
```

x += nome;
x += "';";

Even though the examples you provided are in Tcl language. In this language "name" and name are the same since everything is a string in Tcl.

Subject: Re: Sqlite Delete not working
Posted by Sender Ghost on Sun, 20 Nov 2011 04:36:34 GMT
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lectus wrote on Sun, 20 November 2011 02:07
Yeah true. The syntax of the DELETE command was wrong. lol

The mentioned link suggested to use indexes for WHERE clause. In this case, you didn't need to quote it or use "(" and ")".
Consider to change your database schema and use ArrayCtrl::AddIndex or SqlArray.

Subject: Re: Sqlite Delete not working
Posted by mirek on Sun, 20 Nov 2011 08:13:03 GMT
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Sender Ghost wrote on Sat, 19 November 2011 23:36ArrayCtrl::AddIndex or SqlArray.

Beware: ArrayCtrl::AddIndex has nothing to do with DB indicies.

Subject: Re: Sqlite Delete not working
Posted by Sender Ghost on Sun, 20 Nov 2011 08:59:12 GMT
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mirek wrote on Sun, 20 November 2011 09:13
Beware: ArrayCtrl::AddIndex has nothing to do with DB indicies.
Ok, will take to note.
Thanks.

Subject: Re: Sqlite Delete not working [SOLVED]
Posted by lectus on Sun, 20 Nov 2011 15:21:14 GMT
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SqlArray is awesome.
I was just practicing with raw Sqlite3 support.
