
Subject: Some questions around SQLite3

Posted by [mubeta](#) on Wed, 01 Sep 2010 18:08:29 GMT

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Hi guys,

Some question around SQLite3:

1) I am using a thirdy part database, and I want to inser new values in the table. Now I am using this way:

```
...
Sqlite3Session db1;
if(!db1.Open(fName))
{
    //statements
    return;
}

SQL = db1;

Sql sql;

//Statements

sql*Insert("Project")("Id", i)("DbNum", daveDbNum)("Start", daveStart)("Length",
daveLen)("Buff", daveMem1.strValues);

//Statements

db1.Close();
```

Questions:

1.1) How thw object named "sql" is linked to the object named "db1" ?? I reach this source code following some u++ reference code, but I don't understand how db1 and sql are connectd. The application is working correctly.

1.2) I saw that using SQL.Execute(), can send the queries as I most like; but, in the same source code, how I can send an String of binary values ? Example:

```
Sqlite3Session db1;
db1.Open(fName);
SQL = db1;

SQL.Execute("INSERT INTO table (field1, field2) VALUES ('1', + String(foo) + '");
```

where "foo" are binary values. Sometime this way result in an error, because in the string it's included the char('). Ther eis some encoder/decoder for solve this problem?

2) When using SELECT statement in the query, next using Fetch(), I can get the fields values, but only indexable with number:

```
Sqlite3Session db1;  
db1.Open(fName);  
SQL = db1;  
Sql sql;
```

```
sql.Execute("SELECT * FROM table");
```

```
while(sql.Fetch()) PromptOK(sql[5]); // Working correctly  
while(sql.Fetch()) PromptOK(sql(SqlId("Name"))); // Does not work ??
```

Question: How I can get the index of the fields, from the field name? When I am using a third party database, I don't know the index of the fields!

Thanks a lot.
