
Subject: Re: SQLITE: remove case sensitive of column type name.

Posted by [mirek](#) on Fri, 28 May 2010 12:55:06 GMT

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Novo wrote on Wed, 26 May 2010 11:25tojocky wrote on Tue, 18 May 2010 11:25Hello all,

I propose to remove case sensitive of column type name.

I prepared a little patch for this:

Index: uppsrc/plugin/sqlite3/Sqlite3upp.cpp

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--- uppsrc/plugin/sqlite3/Sqlite3upp.cpp (revision 2404)

+++ uppsrc/plugin/sqlite3/Sqlite3upp.cpp (working copy)

@@ -245,7 +245,8 @@

}

ASSERT(got_row_data);

- String coltype = sqlite3_column_decltype(current_stmt,i);

+ // Remove case sensitive

+ String coltype = ToLower(sqlite3_column_decltype(current_stmt,i));

switch (sqlite3_column_type(current_stmt,i)) {

case SQLITE_INTEGER:

f = sqlite3_column_int64(current_stmt,i);

It is useful when I create a table

"CREATE TABLE Tab1(col1 DATETIME)".

When i execute a select statement, the conversion in Time is not correct.

There is a bug in this patch. `sqlite3_column_decltype()` can return NULL. `ToLower()` will crash in this case because it will call `strlen(NULL)`.

I already met this problem in my app.

Yes, unforeseen consequences, should have been patched already.
