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

Posted by [Novo](#) on Wed, 26 May 2010 15:25:49 GMT

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tojocky wrote on Tue, 18 May 2010 11:25>Hello all,

I propose to remove case sensitive of column type name.
I prepared a little patch for this:

Index: uppsrc/plugin/sqlite3/Sqlite3upp.cpp

```
=====
--- 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.
