Subject: SQL problem
Posted by koldo on Tue, 28 Feb 2012 16:43:56 GMT
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Hello all

From now my old production non MT code does not work. It raises an exception here:
bool Sqlite3Connection::Fetch() {
 ASSERT(NULL != current_stmt); // Exception
I do not know where current_stmt is set.

Do you now if there is any change in the code?

Subject: Re: SQL problem
Posted by koldo on Tue, 28 Feb 2012 23:42:38 GMT
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Hello all

I have tried to reduce the problem as much as possible.

What is wrong with this code?
```
 SqlId TABLE("TABLE");
 SqlId FIELD("FIELD");
 SqlId TEXTSEARCH("TEXTSEARCH");
 SqlVal set(Coalesce(FIELD, "_"));
 SqlSelect select(SqlAll(), set.As(TEXTSEARCH));
 select.From(TABLE);
 select.OrderBy(FIELD);
```
Thank you very much in advance.

Subject: Re: SQL problem
Posted by koldo on Wed, 29 Feb 2012 17:16:17 GMT
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Finally the problem is solved

Something changed that made that "Ye olde reliable" source went broken.

From now all string expressions like "_" inside Sql expressions have to be changed to SqlId("'_'").
With this everything works as expected.

Subject: Re: SQL problem

Posted by mirek on Wed, 29 Feb 2012 19:31:12 GMT
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koldo wrote on Wed, 29 February 2012 12:16Finally the problem is solved

Something changed that made that "Ye olde reliable" source went broken.

From now all string expressions like "_" inside Sql expressions have to be changed to SqlId("'_'"). With this everything works as expected.

I am sorry about this, frankly this is the biggest flop I have made in years.

The primary motivation was adding quites to column names, but it has gone bad, as many places in U++ code and more importantly client code make assumption about what can and cannot be done with SqlId... So it is now only optional, but still cases a trouble here and there (because I want to keep quotes as option so I cannot remove it completely).

Hopefully, this one will be the last issue... It is fixed and coalesce and SqlVal::As (which was the real cause of problems) is added to SqlExp unit testing package.

My apologies.

Mirek

Subject: Re: SQL problem
Posted by koldo on Wed, 29 Feb 2012 20:12:06 GMT
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Hello Mirek

For a Sql dummy like me , does it mean that SqlId("'text'") is the solution to get 'text' inserted into Sql expression?

Subject: Re: SQL problem
Posted by mirek on Wed, 29 Feb 2012 21:41:09 GMT
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koldo wrote on Wed, 29 February 2012 15:12Hello Mirek

For a Sql dummy like me , does it mean that SqlId("'text'") is the solution to get 'text' inserted into Sql expression?

No. Well, in the past it was and it should work still when using default "backward compatibility" mode.

If you activate new "SqlId::UseQuotes", it will not work. Instead, you should use SqlTxt("'text'") to

insert things into SQL (works in both modes).

Mirek

Subject: Re: SQL problem
Posted by koldo on Thu, 01 Mar 2012 07:30:22 GMT
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Ok, it works.

What does "SqlId::UseQuotes" mean?

Subject: Re: SQL problem
Posted by mirek on Thu, 01 Mar 2012 07:51:07 GMT
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koldo wrote on Thu, 01 March 2012 02:30Ok, it works.

What does "SqlId::UseQuotes" mean?

If activated, it starts adding quotes around all SqlIds, when put to SQL. It is to allow column names like "FROM".

select "COLUMN", "FROM" from "TABLE"....

Mirek

Subject: Re: SQL problem
Posted by koldo on Thu, 01 Mar 2012 12:02:40 GMT
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Ok, I understand.

So I will use SqlTxt("'text'") to insert texts and I will not use SqlId::UseQuotes.

Subject: Re: SQL problem
Posted by mirek on Thu, 01 Mar 2012 12:16:12 GMT
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Well, I recommend UseQuotes for new code...

Subject: Re: SQL problem
Posted by koldo on Thu, 01 Mar 2012 15:02:31 GMT
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Ok.