Subject: Updated Sqlite3 plugin
Posted by aroman on Tue, 25 Jul 2006 08:07:49 GMT
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EDIT: PLEASE NOTE THAT DATABASES CREATED WITH THIS VERSION ARE NOT COMPATIBLE WITH THE PREVIOUS VERSION!! See the sqlite homepage for details.

Sorry for the delayed response. Here is the code necessary to update the sqlite3 plugin to the newest version:

Download the newest version, 3.3.6, from the sqlite homepage. In particular, you want the fully preprocessed source code:
http://www.sqlite.org/sqlite-source-3_3_6.zip

Delete all files in uppsrc/plugin/sqlite3/lib/*
Then unzip the new source files into that directory.

Apply the following patch to uppsrc/plugin/sqlite3/sqlite3.uppPatch:

```
Index: C:/Research/upp/uppsrc/plugin/sqlite3/sqlite3.upp
===================================================================
--- C:/Research/upp/uppsrc/plugin/sqlite3/sqlite3.upp (revision 29)
+++ C:/Research/upp/uppsrc/plugin/sqlite3/sqlite3.upp (working copy)
@@ -30,12 +30,12 @@
  lib/main.c,
  lib/opcodes.c,
  lib/opcodes.h,
+ lib/os.c,
  lib/os.h,
  lib/os_common.h,
+ lib/os_os2.c,
  lib/os_unix.c,
- lib/os_unix.h,
  lib/os_win.c,
- lib/os_win.h,
  lib/pager.c,
  lib/pager.h,
  lib/parse.c,
```

That is, add os.c and os_os2.c, remove os_unix.h and os_win.h.

It should compile without errors.

- Augusto

Subject: Re: Updated Sqlite3 plugin
Posted by unodgs on Tue, 25 Jul 2006 08:50:30 GMT
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aroman wrote on Tue, 25 July 2006 04:07EDIT: PLEASE NOTE THAT DATABASES CREATED WITH THIS VERSION ARE NOT COMPATIBLE WITH THE PREVIOUS VERSION!! See the sqlite homepage for details.

Thanks for info.

BTW: I think upp sql interface is missing two importnant functions:

int GetInsertedId() - returns last inserted id if column has "auto increment" atrribute

int GetSqlCode() - returns native sql error code as integer value.

for sqllite3:

```
int GetInsertedId()
{
   return sqlite3_last_insert_rowid(db);
}
```

for ms sql server (and it seems for oledb too):

```
int GetInsertedId()
{
   static Sql sql("select @@identity", db);
   sql.ExecuteX();
   sql.Fetch();
   return (int) sql[0];
}
```

I don't know how it should looks for oracle.

Subject: Re: Updated Sqlite3 plugin
Posted by mirek on Tue, 25 Jul 2006 13:52:59 GMT
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Yes. Long term "TODO" entry ..but there is always so much else to do..

Oracle does not have insert autonumbers, that is why it is missing yet.

BTW, what about this syntax:

int q = SQL * Insert(TABLE)(VALUE, xx)

?

Also, SqlArray will need fixing to work both with autonumber inserts AND oracle sequences.

Mirek

Subject: Re: Updated Sqlite3 plugin
Posted by unodgs on Tue, 25 Jul 2006 16:06:54 GMT
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luzr wrote on Tue, 25 July 2006 09:52
BTW, what about this syntax:

int q = SQL * Insert(TABLE)(VALUE, xx)

Very cool! However I would also keep ability to get id value as separate function.

Subject: Re: Updated Sqlite3 plugin
Posted by mirek on Tue, 25 Jul 2006 16:37:50 GMT
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BTW, is not it UUID in MS-SQL? I will make it return Value to be sure

Mirek
