Subject: Column type for SQLite
Posted by frankdeprins on Mon, 31 May 2010 10:12:47 GMT
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Hello,

Currently, when executing a select statement in sqlite, the column type is determined by the first row fetched. When a value in that record happens to be null, the type for that column will always be known as VOID_V.
The code in the execute procedure, responsible for this is:

```
case SQLITE_NULL:
 field.type = VOID_V;
 break;
```

wouldn't it be better to extend it like this:

```
case SQLITE_NULL:
 if(coltype == "date")
  field.type = DATE_V;
 else
 if(coltype == "datetime")
  field.type = TIME_V;
 else
 if(coltype.Find("char") >= 0 || coltype.Find("text") >= 0 )
  field.type = WSTRING_V;
 else
 if(coltype.Find("integer") >= 0)
  field.type = INT_V;
 else
 if(coltype.Find("real") >= 0)
  field.type = DOUBLE_V;
 else
  field.type = VOID_V;
 break;
```

This same technique is already used for detecting dates and times in string fields. So I see no harm in doing the same for null values.