Subject: Schema description documentation not matching code behavior
Posted by mingodad on Thu, 10 Apr 2014 17:10:17 GMT
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I'm reading the documentation on:
U++ SQL
Basic Use and Description

And it says :
Note: In U++, we tend to use uppercase for all database/table/column names. Also, some databases, like PostgreSQL, have case-sensitive database, table, and column names. Writing queries can be a pain when you have names that have a mix of upper and lower-case letters. By default, unless you use quotes, all names in the macros will result in lower-case names for all tables/columns created.

But in reality in all examples the names are not converted to lower case, they remain upper case.

Which one is wrong the documentation or the code ?

Thanks in advance for your time, attentin and great work !

Here is an attempt to make the names lowercase:

```
----
--- /home/mingo/upp/uppsrc/Sql/SqlSchema.h
+++ /tmp/SqlSchema-0.4.h
@@ -29,7 +29,6 @@

  void Object(const char *text, const char *drop);

- String NormalizeName(const char *name);
  void Table(const char *name);
  void TableSuffix(const char *suffix);
  void Column(const char *type, const char *name);
----
--- /home/mingo/upp/uppsrc/Sql/SqlSchema.cpp
+++ /tmp/SqlSchema-0.3.cpp
@@ -60,15 +60,9 @@
  Upgrade() << text << '\n';
 }

-String SqlSchema::NormalizeName(const char *name)
-{
- String nm = name;
- return ToLower(nm);
-}
-
 void SqlSchema::Table(const char *name) {
  FlushTable();
```

```
- table = NormalizeName(name);
+ table = name;
  table_suffix = Null;
  Schema() << Expand("create table @t (\n");
  SchemaDrop() << Expand("drop table @t;\n");
@@ -87,12 +81,12 @@

  items = 0;
  type = _type;
- column = prefix + NormalizeName(name);
+ column = prefix + name;
  attribute.Clear();
 }

 void SqlSchema::ColumnArray(const char *type, const char *name, int _items) {
- Column(type, NormalizeName(name));
+ Column(type, name);
  items = _items;
 }
----
```

Subject: Re: Schema description documentation not matching code behavior
Posted by mirek on Mon, 14 Apr 2014 12:26:15 GMT
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mingodad wrote on Thu, 10 April 2014 17:10I'm reading the documentation on:
U++ SQL
Basic Use and Description

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```
----
--- /home/mingo/upp/uppsrc/Sql/SqlSchema.h
+++ /tmp/SqlSchema-0.4.h
@@ -29,7 +29,6 @@
```

```
  void Object(const char *text, const char *drop);

- String NormalizeName(const char *name);
  void Table(const char *name);
  void TableSuffix(const char *suffix);
  void Column(const char *type, const char *name);
----
--- /home/mingo/upp/uppsrc/Sql/SqlSchema.cpp
+++ /tmp/SqlSchema-0.3.cpp
@@ -60,15 +60,9 @@
  Upgrade() << text << '\n';
 }

-String SqlSchema::NormalizeName(const char *name)
-{
- String nm = name;
- return ToLower(nm);
-}
-
 void SqlSchema::Table(const char *name) {
  FlushTable();
- table = NormalizeName(name);
+ table = name;
  table_suffix = Null;
  Schema() << Expand("create table @t (\n");
  SchemaDrop() << Expand("drop table @t;\n");
@@ -87,12 +81,12 @@

  items = 0;
  type = _type;
- column = prefix + NormalizeName(name);
+ column = prefix + name;
  attribute.Clear();
 }

 void SqlSchema::ColumnArray(const char *type, const char *name, int _items) {
- Column(type, NormalizeName(name));
+ Column(type, name);
  items = _items;
 }
----
```

Documentation is wrong here... Even in the point of PGSQL being case sensitive (it is not).

Mirek