

QGIS Application - Bug report #8480

"The attribute could not be inserted. The name already exists in the table." when adding a real or double column in PostGIS

2013-08-18 02:20 AM - Giovanni Manghi

Status: Closed	
Priority: Severe/Regression	
Assignee:	
Category: Data Provider/PostGIS	
Affected QGIS version: master	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied:	Resolution:
Crashes QGIS or corrupts data:	Copied to github as #: 17247
Description	
<p>Every time I try to add a "real" or "double" type of column in a PostGIS layer now QGIS returns</p> <p><i>The attribute could not be inserted. The name already exists in the table.</i></p> <p>even when the name does not exist in the table.</p> <p>With other types no issues.</p> <p>Tested on master on both Windows and Linux.</p>	

Associated revisions

Revision 22eec4af - 2013-08-29 01:31 PM - Matthias Kuhn

Set min field precision even when hidden (Fix #8480)

History

#1 - 2013-08-20 02:17 AM - Salvatore Larosa

- Assignee set to Marco Hugentobler

it looks like if precision (mPrec) is not set properly when not visible and reverting the commit:69c656e solves the issue.

Clearly pure imagination to me but I think Marco can quickly solve this problem. :-)

#2 - 2013-08-20 02:24 AM - Salvatore Larosa

I forgot to say....

For me the message is simply "Attribute Error: The attribute could not be added to the layer".

#3 - 2013-08-20 12:26 PM - Salvatore Larosa

I think of having (almost) track out the issue. :-)

I noticed that applying the following patch fix the problem:

```
diff --git a/src/providers/postgres/qgspostgresprovider.cpp b/src/providers/postgres/qgspostgresprovider.cpp
index 9319498..64ccfef 100644
--- a/src/providers/postgres/qgspostgresprovider.cpp
+++ b/src/providers/postgres/qgspostgresprovider.cpp
@@ -164,8 +164,8 @@ QgsPostgresProvider::QgsPostgresProvider( QString const & uri )
    << QgsVectorDataProvider::NativeType( tr( "Decimal number (decimal)" ), "decimal", QVariant::Double, 1, 20, 0, 20 )

    // floating point
- << QgsVectorDataProvider::NativeType( tr( "Decimal number (real)" ), "real", QVariant::Double, -1, -1, -1, -1 )
- << QgsVectorDataProvider::NativeType( tr( "Decimal number (double)" ), "double precision", QVariant::Double, -1, -1, -1, -1 )
+ << QgsVectorDataProvider::NativeType( tr( "Decimal number (real)" ), "real", QVariant::Double )
+ << QgsVectorDataProvider::NativeType( tr( "Decimal number (double)" ), "double precision", QVariant::Double )

    // string types
    << QgsVectorDataProvider::NativeType( tr( "Text, fixed length (char)" ), "char", QVariant::String, 1, 255 )
```

but this patch reverts partially the commit:f20310.

In my tests I can confirm that the #8145 remains solved, but when a new field is created by field calculator I see the message bar with the message like in #8481.

So, my conclusion is: just reverting Marco's commit solve this issue and #8481.

#4 - 2013-08-21 01:40 AM - Salvatore Larosa

- Assignee deleted (Marco Hugentobler)

off road and wrong conclusion, sorry!

#5 - 2013-08-29 04:31 AM - Matthias Kuhn

- Status changed from Open to Closed

Fixed in changeset commit:"22eec4afe831f75f50b19e2c8de9082b76fce662".