QGIS Application - Bug report #11076 MSSQL vector layer filtering problem

2014-08-19 04:25 AM - Stefan Loehr

Status:	Closed			
Priority:	Normal			
Assignee:				
Category:	Data Provider/MSSQL			
Affected QGIS v	ersion:2.4.0	Regression?:	No	
Operating System:		Easy fix?:	No	
Pull Request or Patch supplied:		Resolution:		
Crashes QGIS or corru pils data:		Copied to github as	Copied to github as #: 19409	
Description				
If you retrieve obje For example if you featReq=QgsF	e a bug in the MSSQL provider when acc ects from a featurelayer with a QgsFeatur u use this python code to retrieve features FeatureRequest() _layer.getFeatures(featReq)	reRequest, the filter expression i	st not applied.	
-	Query as reported from SQL Server Prot d], lots of columns ,[shape] from [dbo			
featReq=featF		atRea)		
the resulting SQL select [objectio [shape].STInte	is corrupt: d], lots of columns ,[shape] from [dbo ersects([geometry]::STGeomFromText('F].[flurstueck_f] where POLYGON((0.00000000 0.00000	0000, 0.00000000 0.00000000,)) = 1 and [objectid] = 30681189080760422	
This query returns	filter rectangle with unusable coordinates nothing of course.			
The result value of	FilterType of the QgsFeatureRequest is ir f print featReq.filterType() befor the "setF "3" is FilterType::FilterExpression, but th	ilterExpression" is "0" and afterv	-	

You can test this behavior by loading an MSSQL Layer in qgis and pasting following python code in the console:

(insert correct layername and filterexpression)

```
LegInt = iface.legendInterface()
layers = LegInt.layers()
for layer in layers:
layerType = layer.type()
if layer.name() == "testpolygone":
my_mssql_layer=layer
break
featReq=QgsFeatureRequest()
```

featReq=featReq.setFilterExpression ('users>1') my_feature_iterator = my_mssql_layer.getFeatures(featReq)

```
for feature in my_feature_iterator:

attrs = feature.attributes()

print "Feature ID: " + str(feature.id()) + " " + str(attrs)

break
```

I tested it in 2.2 and 2.4 on Windows.

I'm not shure which Category is correct for this issue. Perhaps rather "PyQGIS Console" ???

Associated revisions

Revision 7fe45db7 - 2014-09-09 08:44 PM - Jürgen Fischer

mssql provider: fix filter type interpretation (fixes #11076)

History

#1 - 2014-08-21 01:21 AM - Stefan Loehr

- Assignee set to Matthias Kuhn

The issue seems somehow related to #10900

#2 - 2014-09-09 11:28 AM - Jürgen Fischer

- Assignee deleted (Matthias Kuhn)

#3 - 2014-09-09 11:45 AM - Jürgen Fischer

- Status changed from Open to Closed

Fixed in changeset commit:"7fe45db70c7e5d583703b9e022e9c666237305a5".

#4 - 2014-09-09 11:22 PM - Jürgen Fischer

- Category changed from Data Provider to Data Provider/MSSQL