

## QGIS Application - Bug report #21328

### Filtered WFS-Layer saves changes to other Features

2019-02-20 05:02 PM - Stefan Overkamp

<b>Status:</b>	Feedback	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	Jürgen Fischer	
<b>Category:</b>	Web Services clients/WFS	
<b>Affected QGIS version:</b>	3.7(master)	<b>Regression?:</b> No
<b>Operating System:</b>	Windows 10	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>		<b>Resolution:</b> duplicate
<b>Crashes QGIS or corrupts data:</b>		<b>Copied to github as #:</b> 29146
<b>Description</b>		
<p>I have a PostGIS-Table served by Geoserver 2.14 as WFS-T and loaded into QGIS as a Layer.</p> <p>I'm filtering the WFS-Layer on the current maps extent e.g.: intersects(\$geometry, geom_from_wkt('POLYGON'))</p> <p>If I edit a feature (e.g. with ID 111071). QGIS 3.4.4 creates an incorrect filter filter = [ radroutenspeicher_admin.112505 ] //Geoserver LOG output instead of filter = [ radroutenspeicher_admin.111071]</p> <p>This changes (updates, deletes) other features instead of the edited one.</p> <pre>Request: transaction   service = WFS   version = 1.0.0   baseUrl = https://server.de:443/geoserver/   group[0] = wfs:update=net.opengis.wfs.impl.UpdateElementTypeInfo@250a8e07 (filter: [ radroutenspeicher_admin.112505 ],   handle: null, inputFormat: &lt;unset&gt;, srsName: null, typeName: {radroutenspeicher}radroutenspeicher_admin)   update[0]:     property[0]:       name = {radroutenspeicher}mobikenn       value = {}property[0]:       name = {radroutenspeicher}streckennetz       value = {}property[0]:       name = {radroutenspeicher}routenzugehoerigkeit       value = {}property[0]:       name = {radroutenspeicher}kommentar       value = test     filter = [ radroutenspeicher_admin.112505 ]     inputFormat = x-application/gml:3     typeName = {radroutenspeicher}radroutenspeicher_admin   releaseAction = ALL 2019-02-20 16:45:45,982 INFO [org.geoserver.flow] - releasing flow controllers for [WFS 1.0.0 Transaction]</pre>		
<b>Related issues:</b>		
Duplicates QGIS Application - Bug report # 20742: Zoom to Layer does not resp...		Closed 2018-12-06

#### History

#1 - 2019-02-20 05:34 PM - Alessandro Pasotti

- Duplicates Bug report #20742: Zoom to Layer does not respond to filtered WFS added

**#2 - 2019-02-20 06:02 PM - Giovanni Manghi**

- Status changed from Open to Closed  
- Resolution set to duplicate

**#3 - 2019-02-20 06:17 PM - Stefan Overkamp**

- Status changed from Closed to Reopened

No duplicate.

**#4 - 2019-02-20 06:39 PM - Giovanni Manghi**

Stefan Overkamp wrote:

| No duplicate.

can you elaborate please?

**#5 - 2019-02-20 06:56 PM - Stefan Overkamp**

- Assignee set to Even Rouault

QGIS 3.4.4 changes (updates, deletes) other features instead of the edited one.

This was observed on a filtered WFS-Layer.

QGIS sends a incorrect Feature-ID to the wfs transaction.

This has nothing to do with inability to zoom (#20742).

**#6 - 2019-02-20 07:14 PM - Alessandro Pasotti**

- Assignee deleted (Even Rouault)  
- Status changed from Reopened to Closed

First: you do not assign bugs to developers, we choose what we want/can work on.

Second: you should trust better our opinion if a bug is a duplicate or not, the root cause of your issue is most likely the same of the zoom issue (which was a wrong feature id assigned by the provider) and that issue has been fixed in master last week.

So, please test the latest master builds and if the issue is not solved, feel free to re-open.

**#7 - 2019-02-25 10:50 AM - Stefan Overkamp**

- Status changed from Closed to Reopened

Tested wit QGIS 3.6.0 the problem still occurs.

I have a PostGIS-Table served by Geoserver 2.14 as WFS-T an loaded into QGIS as a Layer.

I'm filtering the WFS-Layer on the current maps extent e.g.: intersects(\$geometry, geom\_from\_wkt('POLYGON'))

If I edit a feature (e.g. with ID 48110). QGIS 3.6.0 creates a incorrect filter

filter = [ radroutenspeicher\_admin.945] //Geoserver LOG output

instead of filter = [ radroutenspeicher\_admin.48110]

This changes (updates, deletes) other features instead of the edited one.

#### #8 - 2019-02-25 12:55 PM - Jürgen Fischer

- Description updated

#### #9 - 2019-02-25 01:11 PM - Alessandro Pasotti

- Affected QGIS version changed from 3.4.4 to 3.6.0

#### #10 - 2019-02-25 01:14 PM - Jürgen Fischer

- Assignee set to Jürgen Fischer

#### #11 - 2019-03-04 06:15 PM - Stefan Overkamp

Filtering a WFS-Layer multiple times with different map extents (e.g. intersects(\$geometry, geom\_from\_wkt('POLYGON((...

- leads to a new feature cache with every filtering
- fills the ID-CACHE with multiple same dblds (e.g. 1) for different features, e.g. sorted by dbid:

ROWID	gmlid	dbid	qgisid
1	wfs_test.1	1	1
6389	wfs_test.6572	1	6389
9359	wfs_test.9602	1	9359

Deleting feature wfs\_test.6572 in QGIS sends a delete transaction with filter = [ wfs\_test.1 ].

So deletes Feature 1 instead of Feature 6572.

I think there is a problem with not unique dblds in the ID-Cache or the selection of gmlids from dblds.

#### #12 - 2019-03-05 03:43 PM - Giovanni Manghi

- Status changed from Reopened to Feedback

Stefan Overkamp wrote:

| Tested wit QGIS 3.6.0 the problem still occurs.

not sure the fix Alessandro is referring to made into 3.6, so you should really test QGIS master, thanks.

#### #13 - 2019-03-06 08:06 AM - Stefan Overkamp

Tested with qgis-rel-dev 3.6.0-9 code version commit:43c5a1f295.

Same behaviour.

**#14 - 2019-03-06 10:55 AM - Giovanni Manghi**

Stefan Overkamp wrote:

*Tested with qgis-rel-dev 3.6.0-9 code version commit:43c5a1f295.  
Same behaviour.*

is not master, try install qgis-dev using the osgeo4w installer.

**#15 - 2019-03-06 12:10 PM - Stefan Overkamp**

Tested with qgis-dev 3.7.0-master  
code version: commit:34a0650177

Same behaviour.

**#16 - 2019-03-06 12:11 PM - Giovanni Manghi**

- Affected QGIS version changed from 3.6.0 to 3.7(master)

Stefan Overkamp wrote:

*Tested with qgis-dev 3.7.0-master  
code version: commit:34a0650177  
  
Same behaviour.*

can you provide an endpoint for tests?

**#17 - 2019-03-06 01:18 PM - Jürgen Fischer**

Giovanni Manghi wrote:

*can you provide an endpoint for tests?*

I have one now. Maybe I get a chance to look at the issue in A Coruna.

**#18 - 2019-03-06 01:23 PM - Giovanni Manghi**

Jürgen Fischer wrote:

*Giovanni Manghi wrote:  
  
can you provide an endpoint for tests?  
  
I have one now. Maybe I get a chance to look at the issue in A Coruna.*

ok cool