

# QGIS Application - Bug report #17817

## WFS vs WMS (OGR?) data types

2018-01-08 12:22 PM - Richard Duivenvoorde

<b>Status:</b> Closed	
<b>Priority:</b> Low	
<b>Assignee:</b>	
<b>Category:</b> Data Provider/OGR	
<b>Affected QGIS version:</b> 2.18.15	<b>Regression?:</b> No
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b> No	<b>Resolution:</b> wontfix
<b>Crashes QGIS or corrupts data:</b> No	<b>Copied to github as #:</b> 25713

### Description

(talking about 2.18 here)

WFS and WMS of the same service seem to create different attribute data-types?

Going to this WFS:

<https://geodata.nationaalgeoregister.nl/bag/ows?>

there is a layer with 'panden' (houses), which have a column 'identification' which is (should be) a long integer (up to about 15 positions long).

On a WMS GetFeatureInfo request (same url) you will see those id's as nice long integers/strings:  
1598100000022426

BUT if you request the same house in a WFS layer, you will see floats:  
1.59810000002243e+15  
for example in the attribute table, or if you use the info-tool.

This is a problem if you need that id to create joints/relations.

I had a look into the sqlite file which is created in:

~/.qgis2/cache/wfsprovider/pid\_16544

and indeed see this create table sql:

```
CREATE TABLE 'features' ( "__ogc_fid" INTEGER PRIMARY KEY AUTOINCREMENT,
'identificatie' FLOAT, 'bouwjaar' FLOAT, 'status' VARCHAR,
'gebruiksdoel' VARCHAR, 'oppervlakte_min' FLOAT, 'oppervlakte_max'
FLOAT, 'aantal_verblijfsobjecten' BIGINT, 'actualiteitsdatum' BIGINT,
'__qgis_gen_counter' INTEGER, '__qgis_gmlid' VARCHAR,
'__qgis_hexwkb_geom' VARCHAR, "__spatialite_geometry" POLYGON)
```

Is this a fixable (hopefully 2.18 only) problem?

As 2.18 will be LTR for some time.

### History

**#1 - 2018-06-01 02:55 PM - Even Rouault**

- *Priority changed from Normal to Low*

ok, so this is a QGIS 2.x only issue, as things seem to work well in QGIS 3

The root cause is that the 'identification' column is reported as xs:decimal by DescribeFeatureType, and xs:decimal can potentially a floating point value, hence QGIS correctly decides to expose it as a double. If the server reported it as a xs:long or xs:string, that should work better

**#2 - 2019-01-21 12:34 AM - Jürgen Fischer**

- *Status changed from Open to Feedback*

Please test with QGIS 3.4 - QGIS 2.18 reached it's end of life.

**#3 - 2019-01-21 08:10 AM - Richard Duivenvoorde**

- *Resolution set to wontfix*

Closing, as indeed it is working in 3.x

**#4 - 2019-02-24 01:50 AM - Giovanni Manghi**

- *Status changed from Feedback to Closed*

**Files**

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wfsdatatypes.qgs	12.8 KB	2018-01-08	Richard Duivenvoorde
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