

QGIS Application - Bug report #20808

WFS2 GetFeature over python interface fails with QGIS versions 2.18.21<

2018-12-14 02:28 AM - Simon Planzer

Status: Closed	
Priority: Normal	
Assignee:	
Category: Web Services clients/WFS	
Affected QGIS version: 2.18.21	Regression?: Yes
Operating System: Ubuntu 16. Issue seen with windows users	Easy fix?: No
Pull Request or Patch supplied: No	Resolution: fixed/implemented
Crashes QGIS or corrupts data: No	Copied to github as #: 28627

Description

Issue originally summarized against my own product as below (Apologies, the example requires an API for data.linz.govt.nz):

*QGIS 2.18.17 *

```
uri =
'https://data.linz.govt.nz/services;key=<API_KEY>/wfs?SERVICE=wfs&VERSION=2.0.0&REQUEST=GetFeature&TYPENAME=data.linz.govt.nz:layer-50221'
```

```
layer=QgsVectorLayer(uri, 'test', 'WFS')
layer.isValid()
True
```

QGIS 2.18.26

```
uri =
'https://data.linz.govt.nz/services;key=<API_KEY>/wfs?SERVICE=wfs&VERSION=2.0.0&REQUEST=GetFeature&TYPENAME=data.linz.govt.nz:layer-50221'
```

```
layer=QgsVectorLayer(uri, 'test', 'WFS')
# QGIS HANGS AND NEVER RECOVERS!!!
```

I do note a WFS2 source code change (

https://github.com/qgis/QGIS/compare/final-2_18_20..final-2_18_21#diff-7f83d21b1d3b1afc39d33a7c9560cb59R439) between 2.18.20 and 2.18.21 monitoruf WFS2 responses. Perhaps related???

Anyone info you require please ask

History

#1 - 2018-12-17 08:45 AM - Simon Planzer

Issue originally summarized against my own product as below:

*QGIS 2.18.17 *

```
uri =  
'https://data.linz.govt.nz/services;key=9f6f324fd21941d08fc821ba7718958c/wfs?SERVICE=wfs&VERSION=2.0.0&REQUEST=GetFeature&TYPENAME=  
ENAME=data.linz.govt.nz:layer-50221'
```

```
layer=QgsVectorLayer(uri, 'test', 'WFS')  
layer.isValid()  
True
```

QGIS 2.18.26

```
uri =  
'https://data.linz.govt.nz/services;key=9f6f324fd21941d08fc821ba7718958c/wfs?SERVICE=wfs&VERSION=2.0.0&REQUEST=GetFeature&TYPENAME=  
ENAME=data.linz.govt.nz:layer-50221'
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layer=QgsVectorLayer(uri, 'test', 'WFS')  
# QGIS HANGS AND NEVER RECOVERS!!!
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I do note a WFS2 source code change (
https://github.com/qgis/QGIS/compare/final-2_18_20..final-2_18_21#diff-7f83d21b1d3b1afc39d33a7c9560cb59R439) between 2.18.20 and 2.18.21
monitoring WFS2 responses. Perhaps related???

Anyone info you require please ask

- Note I have edited this to include a temporary API key (in above wfs url) for this service to support debugging

#2 - 2019-01-20 10:26 PM - Nyal Dawson

- *Status changed from Open to Feedback*

Please test with 3.4 - 2.18 is no longer supported

#3 - 2019-01-21 12:35 AM - Jürgen Fischer

Please test with QGIS 3.4 - QGIS 2.18 reached its end of life.

#4 - 2019-01-21 08:20 PM - Simon Planzer

I can confirm this is not an issue with 3.4

#5 - 2019-01-21 08:26 PM - Nyal Dawson

- *Resolution set to fixed/implemented*

- *Status changed from Feedback to Closed*