

## 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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                               |                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------|
| <b>Status:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Closed                                        |                                      |
| <b>Priority:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Normal                                        |                                      |
| <b>Assignee:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                               |                                      |
| <b>Category:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Web Services clients/WFS                      |                                      |
| <b>Affected QGIS version:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2.18.21                                       | <b>Regression?:</b> Yes              |
| <b>Operating System:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Ubuntu 16. Issue seen with windows users also | <b>Easy fix?:</b> No                 |
| <b>Pull Request or Patch supplied:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | No                                            | <b>Resolution:</b> fixed/implemented |
| <b>Crashes QGIS or corrupts data:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | No                                            | <b>Copied to github as #:</b> 28627  |
| <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                               |                                      |
| <p>Issue originally summarized against my own product as below (Apologies, the example requires an API for data.linz.govt.nz):</p> <p>*QGIS 2.18.17 *</p> <pre>uri =<br/>'https://data.linz.govt.nz/services;key=&lt;API_KEY&gt;/wfs?SERVICE=wfs&amp;VERSION=2.0.0&amp;REQUEST=GetFeature&amp;TYPENAME=data.linz.govt.nz:layer-50221'<br/><br/>layer=QgsVectorLayer(uri, 'test', 'WFS')<br/>layer.isValid()<br/>True</pre> <p>*QGIS 2.18.26*</p> <pre>uri =<br/>'https://data.linz.govt.nz/services;key=&lt;API_KEY&gt;/wfs?SERVICE=wfs&amp;VERSION=2.0.0&amp;REQUEST=GetFeature&amp;TYPENAME=data.linz.govt.nz:layer-50221'<br/><br/>layer=QgsVectorLayer(uri, 'test', 'WFS')<br/># QGIS HANGS AND NEVER RECOVERS!!!</pre> <p>I do note a WFS2 source code change (<a href="https://github.com/qgis/QGIS/compare/final-2_18_20..final-2_18_21#diff-7f83d21b1d3b1afc39d33a7c9560cb59R439">https://github.com/qgis/QGIS/compare/final-2_18_20..final-2_18_21#diff-7f83d21b1d3b1afc39d33a7c9560cb59R439</a>) between 2.18.20 and 2.18.21 monitoruf WFS2 responses. Perhaps related???</p> <p>Anyone info you require please ask</p> |                                               |                                      |

#### 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'
```

```
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](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