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 also	**Easy fix?:**	No
Pull Request or Patch supplied:	No	**Resolution:**	fixed/implemented
Crashes QGIS or corrupts data:	Yes	**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.l
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.l
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 an 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()
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QGIS 2.18.26

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uri =
'https://data.linz.govt.nz/services;key=9f6f324fd21941d08fc821ba7718958c/wfs?SERVICE=wfs&VERSION=2.0.0&REQUEST=GetFeature&TYPENAME=
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layer=QgsVectorLayer(uri, 'test', 'WFS')
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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 an 2.18.21 monitoruf 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 - Nyall 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 it's 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 - Nyall Dawson

- Resolution set to fixed/implemented

- Status changed from Feedback to Closed