

QGIS Application - Bug report #6608

QGIS crashes when used as WFS client together with QGIS server

2012-11-02 09:56 AM - Giovanni Manghi

Status:	Closed	
Priority:	Severe/Regression	
Assignee:	René-Luc ReLuc	
Category:	QGIS Server	
Affected QGIS version:	master	Regression?: No
Operating System:	Ubuntu	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: fixed
Crashes QGIS or corrupts data:	Yes	Copied to github as #: 15796
Description		
<p>The latest versions of QGIS WFS Server master are making QGIS desktop crash when adding a WFS layer. Tested on both qgis desktop master and 1.8 on both Windows and Linux.</p> <p>Downgrading to qgis server 1.8 solves the issue, so it is a regression.</p>		

History

#1 - 2012-11-02 09:57 AM - Giovanni Manghi

- Assignee set to René-Luc ReLuc

#2 - 2012-11-02 09:57 AM - Giovanni Manghi

error message in linux terminal is:

vania@nivalis:~\$ qgis
Warning: loading of qgis translation failed [/usr/share/qgis/i18n//qgis_en_US]
Warning: loading of qt translation failed [/usr/share/qt4/translations/qt_en_US]
Warning: QHttp: empty path requested is invalid -- using '/'

(qgis.bin:3834): Gtk-CRITICAL **: IA__gtk_progress_configure:
assertion `value >= min && value <= max' failed

(qgis.bin:3834): Gtk-CRITICAL **: IA__gtk_progress_configure:
assertion `value >= min && value <= max' failed

(qgis.bin:3834): Gtk-CRITICAL **: IA__gtk_progress_configure:
assertion `value >= min && value <= max' failed

(qgis.bin:3834): Gtk-CRITICAL **: IA__gtk_progress_configure:
assertion `value >= min && value <= max' failed

(qgis.bin:3834): Gtk-CRITICAL **: IA__gtk_progress_configure:
assertion `value >= min && value <= max' failed

(qgis.bin:3834): Gtk-CRITICAL **: IA__gtk_progress_configure:
assertion `value >= min && value <= max' failed

(qgis.bin:3834): Gtk-CRITICAL **: IA__gtk_progress_configure:
assertion `value >= min && value <= max' failed

```
(qgis.bin:3834): Gtk-CRITICAL **: IA__gtk_progress_configure:
assertion `value >= min && value <= max' failed
```

```
(qgis.bin:3834): Gtk-CRITICAL **: IA__gtk_progress_configure:
assertion `value >= 0' failed: min: 0, value: -1, msg: failed
```



```
(qgis.bin:3834): Gtk-CRITICAL **: IA__gtk_progress_configure:
assertion `value >= min && value <= max' failed
```

(qgis.bin:3834): Gtk-CRITICAL **: IA__gtk_progress_configure:
assertion `value >= min && value <= max' failed
Segmentation fault

#3 - 2012-11-18 05:22 AM - Giovanni Manghi

- *Subject changed from QGIS WFS server (master) makes QGIS Desktop crash to QGIS crashes when used as WFS client together with QGIS server*

It took me another few hours of tests to make further discoveries
about his issue.

- at the beginning I was thinking that the crash was gone on qgis (as wfs client) on Linux, but then I realized I was wrong
- later I was thinking that the crash was affecting just qgis on windows installed with osgeo4w, but then I realized it was affecting also qgis standalone
- later on I was thinking that the issue was just affecting all polygons layers served as WFS, only if added before adding any other wfs layer, but I was wrong.

...
...
...

long story short: please try this service (is using the latest qgis
server master)

http://mapserver.uevora.pt/cgi-bin/qgis_mapserv.fcgi?map=/home/mapserver/wfs_tests/wfs_test_qgis_server.qgs

and give a look also to the vectors that are feeding this service

https://www.dropbox.com/s/4kf2bblznft0ws0/wfs_tests.tar.gz

At this point my conclusions are:

points and lines are not affected by the issue (crash when using qgis
as wfs client).

polygons are affected, but not all.

I see different cases.

- There are polygon layers that do work ok when served as WFS layers, see for example "evora" and "test_polygons"
- There are polygon layers that do always make QGIS (as WFS client) crash when served as WFS layers, see for example "TM_WORLD_BORDERS"
- There are polygon layers that do **sometimes** make QGIS (as WFS client) crash when served as WFS layers, see for example "zpe"

- There are polygon layers that do work ok when served as WFS, but they always miss (the same) features when compare with the original, see for example "distritos2009", "cartografia_primavera_..." and "pt_wgs84" (this last one is a subset of "TM_WORLD_BORDERS" and does not show the only geometry in it, but the attributes are there)

#4 - 2012-11-18 08:36 AM - René-Luc ReLuc

- *Status changed from Open to In Progress*

The crash is due to MultiPolygon element with coordinates element empty.

I push the correction :

"48270916f5b5b8d8517f7ed9ad583c08b767bbed":commit:48270916f5b5b8d8517f7ed9ad583c08b767bbed

#5 - 2012-12-11 07:05 AM - Giovanni Manghi

- *Resolution set to fixed*
- *Status changed from In Progress to Closed*