QGIS Application - Bug report #20462
Periodically refreshing the rendering of a layer doesn't work

2018-11-12 11:18 AM - c m

Status:	Open			
Priority:	High			
Assignee:				
Category:	Vectors			
Affected QGIS version:	3.4.0		**Regression?:**	Yes
Operating System:	windows 7 Professional		**Easy fix?:**	No
Pull Request or Patch supplied:			**Resolution:**	
Crashes QGIS or corrupts data:			**Copied to github as #:**	28282

Description

I added a vector layer > Protocol > URI= url of a web api that returns a geojson feed.

Displayed OK (inside QGIS Desktop 3.4)

If I go into layers's properties > Rendering > checkbox "Refresh layer every (seconds)" > checked & added a value (60 for instance)
But my layer's data never gets updated after that

Though refreshing (of the layer's data source + rendering) works if I click on the refresh button (F5) inside QGIS Desktop

History

#1 - 2018-11-12 12:26 PM - Giovanni Manghi

- Status changed from Open to Feedback

Does it happens only with that specific type of datasource?

#2 - 2018-11-15 11:34 AM - c m

I tried with other vector layer's sources, i.e data coming from MSSQLServer or a postGIS db.
And the same thing happens : no (visible) refresh.

#3 - 2018-11-15 04:38 PM - Giovanni Manghi

- Status changed from Feedback to Open

- Priority changed from Normal to High

- Regression? changed from No to Yes

#4 - 2019-02-15 12:06 PM - Paul Blottiere

- Status changed from Open to Feedback

Hi @c m,

I tried the "Refresh layer every (seconds)" option on master and 3.4 release (with SHP and Postgis layer), and everything seems to be fine.

Can you check the "Map canvas refresh" option in Settings -> Options... -> Rendering -> Debugging.

This way, you should have some prints in the rendering log for each refresh:

```
2019-02-15T11:05:37    WARNING    1 ms: array_tbl_a9a0662f_ecbc_4b7d_94a1_ae23900890ed
2019-02-15T11:05:37    WARNING    1 ms: Labeling
2019-02-15T11:05:37    WARNING    ---
2019-02-15T11:05:37    WARNING    5 ms: array_tbl_a9a0662f_ecbc_4b7d_94a1_ae23900890ed
2019-02-15T11:05:37    WARNING    1 ms: Labeling
2019-02-15T11:05:37    WARNING    ---
2019-02-15T11:05:37    WARNING    Canvas refresh: 12 ms
```

#5 - 2019-02-15 01:34 PM - c m

Ok
thanks for checking !

might be related with something else, like checkbox/textbox's values may not be saved/applied on the first time, but ok when re-opening the project.

#6 - 2019-02-15 01:36 PM - c m

I checked the "Map canvas refresh" option in Settings -> Options... -> Rendering -> Debugging.
And everything seems ok to me in the rendering log

#7 - 2019-02-15 01:53 PM - Paul Blottiere

> *And everything seems ok to me in the rendering log*

So if "Refresh layer every (seconds)" is set with 1 second, do you observe a new message in the rendering log every second?

#8 - 2019-02-15 02:55 PM - c m

Yes I do.

But in case of

- a layer coming from a db, shp, ... : I see the canvas blink and the data get updated => OK.

- a layer linked with a http feed (add vector > protocol > geojson) supplying a geojson feed (web api) : the layer doesn't get updated. I don't see the canvas blink, nothing changed. Though there's some message in the rendering log, and the refresh works if I click on the refresh button (F5).

#9 - 2019-02-16 10:39 AM - Giovanni Manghi

> *- a layer linked with a http feed (add vector > protocol > geojson) supplying a geojson feed (web api) : the layer doesn't get updated. I don't see the canvas blink, nothing changed. Though there's some message in the rendering log, and the refresh works if I click on the refresh button (F5).*

this seems duplicate of #20925

#10 - 2019-02-16 11:14 AM - c m

I wouldn't say that,

because here (#20462) : "the refresh works if I click on the refresh button (F5)"

though with #20925 : "Cant be refreshed - need to close QGIS and reopen to see updates. F5 key does not refresh"

#11 - 2019-02-16 01:14 PM - Giovanni Manghi

- Status changed from Feedback to Open

> *because here (#20462) : "the refresh works if I click on the refresh button (F5)"*

was this really working as expected on 2.*?