QGIS Application - Bug report #17617
QGIS master: is_layer_visible () does not update automatically

2017-12-04 10:20 AM - salvatore fiandaca

Status:	Closed			
Priority:	Normal			
Assignee:				
Category:	Expressions			
Affected QGIS version:	master	**Regression?:**	No	
Operating System:		**Easy fix?:**	No	
Pull Request or Patch supplied:	No	**Resolution:**	wontfix	
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	25514	

Description

I used the function is_layer_visible () to change the appearance of the labels, but you need to do a manual refresc, it does not update automatically.

History

#1 - 2017-12-04 05:38 PM - Giovanni Manghi

- Status changed from Open to Feedback

Is this a regression (works as expected in 2.18.* or earlier)?

#2 - 2017-12-04 05:38 PM - Giovanni Manghi

- Subject changed from QGIS master d0e927a84f - is_layer_visible () does not update automatically to QGIS master: is_layer_visible () does not update automatically

#3 - 2017-12-04 05:38 PM - Giovanni Manghi

- Category changed from Symbology to Labelling

#4 - 2018-02-22 12:09 PM - Giovanni Manghi

Feedback needed here. Is a regression in QGIS 3 (did it worked as expected in QGIS 2)?

#5 - 2018-02-22 12:21 PM - salvatore fiandaca

In QGIS 2, the is_layer_visible function does not exist; so it's not a regression.

#6 - 2018-08-16 10:44 AM - Giovanni Manghi

Still true on the latest master?

#7 - 2018-08-16 05:58 PM - salvatore fiandaca

Giovanni Manghi wrote:

> *Still true on the latest master?*

yes, it is still true in the last master - gnu / linux mint 19

as soon as I can I try in win 10

#8 - 2018-08-20 10:43 AM - Giovanni Manghi

- Category changed from Labelling to Expressions

- Operating System deleted (win 10 64b)

- Status changed from Feedback to Open

#9 - 2018-08-21 01:28 AM - Nyall Dawson

I think this is a "wont fix". Expressions in QGIS can be very complex and adding a method to determine the dependencies of an expression would be almost impossible. For instance, there's also expressions which fetch features from other layers, expressions which calculate aggregates from other layers, expressions which use related features, etc. We'd also need to consider all these cases and force a refresh whenever any of the dependencies change. But then there's also expressions which rely on variables too. Then there's also the need to consider everywhere expressions can be used which may need refreshing... e.g. canvas renders, layout items, virtual fields, data defined properties, etc.

I think given the extreme complexity of solving this and the easy workaround (refresh the canvas manually) it should be tagged as "wontfix"

#10 - 2018-08-21 08:24 AM - salvatore fiandaca

Nyall Dawson wrote:

> *I think this is a "wont fix". Expressions in QGIS can be very complex and adding a method to determine the dependencies of an expression would be*
> *almost impossible. For instance, there's also expressions which fetch features from other layers, expressions which calculate aggregates from other*
> *layers, expressions which use related features, etc. We'd also need to consider all these cases and force a refresh whenever any of the*
> *dependencies change. But then there's also expressions which rely on variables too. Then there's also the need to consider everywhere expressions*
> *can be used which may need refreshing... e.g. canvas renders, layout items, virtual fields, data defined properties, etc.*
>
> *I think given the extreme complexity of solving this and the easy workaround (refresh the canvas manually) it should be tagged as "wontfix"*

Thanks for the reply

#11 - 2018-08-21 11:25 AM - Giovanni Manghi

So... closing?

#12 - 2018-08-21 02:30 PM - salvatore fiandaca

Giovanni Manghi wrote:

> *So... closing?*

for me, Nyall explanation is ok

#13 - 2018-08-21 07:27 PM - Giovanni Manghi

- Resolution set to wontfix

- Status changed from Open to Closed

Files

N3.jpg	178 KB	2017-12-04	salvatore fiandaca