QGIS Application - Bug report #10900
python filter expression don't work on "value relation"

2014-07-16 01:22 AM - Mathieu Bossaert

Status:	Closed			
Priority:	High			
Assignee:				
Category:	Edit widget			
Affected QGIS version:	2.18.4	**Regression?:**	Yes	
Operating System:		**Easy fix?:**	No	
Pull Request or Patch supplied:	No	**Resolution:**	worksforme	
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	19265	

Description

Good morning,

trying to filter the entries of a "Value relation" with the extent of the current map canvas, I get a empty list of values.

The same expression used to update a column of the table works fine...

Here is the expression I use :

    intersects($geometry , geomFromWKT($current_canvas_extent))

and here is the function providing $current_canvas_extent :

    from qgis.utils import qgsfunction
    from qgis.utils import iface

    @qgsfunction(0, "Python")
    def current_canvas_extent(values, feature, parent):
        """
        retourne l etendue courante de la carte
        """
        extend = iface.mapCanvas().extent().asWktPolygon()
        return extend

It woks fine on 2.2

Thanks a lot,

Mathieu Bossaert

Related issues:

Related to QGIS Application - Feature request # 16040: Filter relation refere...	**Open**	**2017-01-05**

Associated revisions

Revision ae19eefb - 2014-07-24 11:51 AM - Matthias Kuhn

Allow expressions with geometry on value relation widget

Fix #10900

History

#1 - 2014-07-17 05:25 AM - Giovanni Manghi

- Priority changed from Normal to Severe/Regression

- Operating System deleted (Windows and Linux)

- OS version deleted (Seven Pro)

#2 - 2014-07-24 02:53 AM - Matthias Kuhn

- Status changed from Open to Closed

Fixed in changeset commit:"ae19eefb36cd1fd0ed2fb556b4a5eb503ce0f38e".

#3 - 2014-07-24 02:54 AM - Matthias Kuhn

- Status changed from Closed to In Progress

Can you please check if this really fixes the issue.

#4 - 2014-07-24 02:54 AM - Matthias Kuhn

- Status changed from In Progress to Closed

#5 - 2014-08-04 02:10 AM - Mathieu Bossaert

Hi Matthias,

It works fine on QGis Master. Thanks a lot.

Matthias Kuhn wrote:

> *Can you please check if this really fixes the issue.*

#6 - 2014-08-05 03:57 AM - Giovanni Manghi

- Resolution set to fixed/implemented

#7 - 2017-01-16 09:36 AM - Mathieu Bossaert

- Target version set to Version 2.16

- Status changed from Closed to Reopened

Good evening,

time have passed, and this worked well until QGIS 2.14.
Since 2.16, same bug appears, expression value is ok but the list stay empty.

Maybe you would have prefer that I opened a new ticket ?

Thanks a lot for your your help and the work you do on our prefered GIS tool !

#8 - 2017-02-28 04:37 AM - Giovanni Manghi

- Target version changed from Version 2.16 to Version 2.18

- Resolution deleted (fixed/implemented)

- Affected QGIS version changed from 2.4.0 to 2.18.4

Unless I'm doing something wrong it seems to me that 2.18.4 is still affected.

#9 - 2017-04-30 05:08 PM - Giovanni Manghi

- Regression? set to Yes

#10 - 2017-04-30 05:08 PM - Giovanni Manghi

- Priority changed from Severe/Regression to High

#11 - 2017-05-01 01:10 AM - Giovanni Manghi

- Easy fix? set to No

#12 - 2017-05-12 03:22 PM - Matthias Kuhn

- Resolution set to worksforme

- Description updated

- Status changed from Reopened to Closed

$current_canvas_extent

needs to be replaced with

    current_canvas_extent()

(it's a function, not a special column)

Works perfectly fine for me like this on 2.18.

You might also be interested in reading this recent blog posts about needsGeometry and referencedColumns ;)

http://www.opengis.ch/2017/05/10/best-practices-for-writing-python-qgis-expression-functions/