

QGIS Application - Bug report #15672

@map_extent_width and @map_extent_height seem buggy

2016-10-06 11:43 AM - Johannes Kroeger

Status: Closed	
Priority: Normal	
Assignee: Nyal Dawson	
Category: Unknown	
Affected QGIS version: 2.16.3	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied:	Resolution:
Crashes QGIS or corrupts data:	Copied to github as #: 23595

Description

Trying some silly things I found "Geometry generator" of feature styling to create wrong geometries when I used @map_extent_width and @map_extent_height in it.

I ended up with the following test case.

Use this is label for some feature to see the values live updated:

```
'Center: ' || x( @map_extent_center ) || ' ' || y( @map_extent_center ) || '\n'\n'\n'\n'Width: ' || @map_extent_width || '\n'\n'\n'\n'Height: ' || @map_extent_height
```

If you resize the map, the Width and Height values never update while the Center works as intended.

Open the Python console and use this to manually request the map's width and height:

```
"Width: {} Height: {}".format(iface.mapCanvas().extent().width(),iface.mapCanvas().extent().height())
```

To my understand these should show the same values for the width and height.

When I move the map and print with Python again, I see the new values. The @map_extent_width and @map_extent_height in the label are not updated though.

Associated revisions

Revision c1cf896c - 2016-10-10 11:53 AM - Nyal Dawson

Fix invalid values for @map_extent_width/height (fix #15672)

Revision 28fc834d - 2016-10-12 12:54 PM - Nyal Dawson

Fix invalid values for @map_extent_width/height (fix #15672)

(cherry-picked from c1cf896c1a76fdac16b3e800b7e1f106f983e299)

Revision 3c43bb5e - 2016-10-12 02:19 PM - Nyal Dawson

Fix invalid values for @map_extent_width/height (fix #15672)

(cherry-picked from c1cf896c1a76fdac16b3e800b7e1f106f983e299)

Revision bd5f9792 - 2016-10-13 11:19 PM - Nyal Dawson

Fix invalid values for @map_extent_width/height (fix #15672)

(cherry-picked from c1cf896c1a76fdac16b3e800b7e1f106f983e299)

History

#1 - 2016-10-06 01:02 PM - Johannes Kroeger

When I move the map and print with Python again, I see the new values. The @map_extent_width and @map_extent_height in the label are not updated though.

Should have been

When I **resize** the map and print with Python again, I see the new values. The @map_extent_width and @map_extent_height in the label are not updated though.

#2 - 2016-10-06 03:14 PM - Nyal Dawson

- Status changed from Open to Feedback

Can you check iface.mapCanvas().mapSettings().extent().width() and see if the value matches?

#3 - 2016-10-06 04:43 PM - Nyal Dawson

- Assignee set to Nyal Dawson

- Status changed from Feedback to Open

Actually I can reproduce - fix incoming

#4 - 2016-10-10 02:54 AM - Nyal Dawson

- Status changed from Open to Closed

Fixed in changeset commit:"c1cf896c1a76fdac16b3e800b7e1f106f983e299".

#5 - 2017-09-22 09:55 AM - Jürgen Fischer

- Category set to Unknown