

QGIS Application - Bug report #13695

Extents (Print Composer): Data defined override not working

2015-10-28 04:42 AM - Paul Kanelli

Status:	Closed	
Priority:	High	
Assignee:		
Category:	Map Composer/Printing	
Affected QGIS version:	master	Regression?: No
Operating System:	Windows 7	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 21725
Description		
<p>In the print composer (QGIS 2.12) the data defined override for 'Extents' is ignored.</p> <p>@</p> <p>X min:</p> <p>xmin(geometry(getFeature('layer', 'gid', 1)))</p> <p>Y min:</p> <p>ymin(geometry(getFeature('layer', 'gid', 1)))</p> <p>X max:</p> <p>xmax(geometry(getFeature('layer', 'gid', 1)))</p> <p>Y max</p> <p>ymax(geometry(getFeature('layer', 'gid', 1)))@</p> <p>There is also no 'Output preview' in the 'Expression string builder'. Everything works fine in QGIS 2.10</p>		

Associated revisions

Revision dddd0434 - 2015-11-02 10:13 AM - Nyal Dawson

Fix FilterExpression feature requests will ignore expression if using virtual fields or other complex filters

refs #13695

Revision c445ac1e - 2015-11-02 10:40 AM - Nyal Dawson

Fix expression get\_feature function was not fetching feature's geometry

Fix #13695

Revision 3c11a5d7 - 2015-11-18 10:16 AM - Nyal Dawson

Fix FilterExpression feature requests will ignore expression if using virtual fields or other complex filters

refs #13695

(cherry-picked from dddd043491deefe1e4c9606a87a771d22736ff05)

#### Revision 15f59aed - 2015-11-18 10:38 AM - Nyal Dawson

Fix expression `get_feature` function was not fetching feature's geometry

Fix #13695

(cherry-picked from c445ac1eef0a2f94d1e334b1439d593e706f1395)

## History

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### #1 - 2015-10-28 12:59 PM - Nyal Dawson

That expression looks very odd. What are you trying to do?

### #2 - 2015-10-29 01:31 AM - Paul Kanelli

I've to define map extents based on a feature's geometry:

<http://gis.stackexchange.com/questions/150042/how-to-define-map-extents-based-on-a-features-geometry>

### #3 - 2015-10-29 01:45 AM - Nyal Dawson

So you have a single feature in the 'layer' table which dictates the extent for all your atlas pages?

### #4 - 2015-10-29 02:21 AM - Paul Kanelli

It's just an example. The name of my layer is "sheet\_lines". Every feature (rectangles in portrait and/or landscape format) represents a composer page.

### #5 - 2015-10-29 03:37 AM - Nyal Dawson

I'm still confused as to why you aren't just directly setting "controlled by atlas" on your map and letting it automatically set the map extent.

This expression:

```
xmin(geometry(getFeature('layer', 'gid', 1)))
```

Will always return the same number. It will just get the first feature from 'layer' with a 'gid' of 1 and return the min x coordinate of it.

Any chance you could share a project/sample data which demonstrates this issue?

### #6 - 2015-10-29 07:46 AM - Paul Kanelli

- File *map\_canvas.jpg* added

- File *composer\_1\_A0\_Portrait.jpg* added

- File composer\_2\_A1\_Landscape.jpg added

I haven't testet if "controlled by atlas" can handle different paper formats and orientations (see attachment). However QGIS 2.12 fails data defined override for 'Extents'. It's working in QGIS 2.10.

#7 - 2015-10-30 05:16 AM - Harrissou Santanna

Maybe, you are looking for something like [this](#)?

Indeed, there's an issue. But I wonder if it isn't with get\_feature function in 2.12. using a formule in the "data defined override" for extent, without get\_feature, works :  
Case WHEN @layout\_pageheight>@layout\_pagewidth then 437000 else 437500 end changes the X min value according to the orientation of the composition page.

To test the issue with get\_feature, on the same data, I use the "Select by expression tool" with:  
- attribute(getFeature('commune','insee','49080'),'gid') > "gid" in 2.8.3 : retrieves 77 features, what is expected  
- attribute(get\_feature('commune','insee','49080'),'gid') > "gid" in 2.12 and master : retrieves **ALL** the features in the table

#8 - 2015-11-02 01:48 AM - Nyall Dawson

- Status changed from Open to Closed

Fixed in changeset commit:"c445ac1eef0a2f94d1e334b1439d593e706f1395".

Files			
map_canvas.jpg	138 KB	2015-10-29	Paul Kanelli
composer_1_A0_Portrait.jpg	196 KB	2015-10-29	Paul Kanelli
composer_2_A1_Landscape.jpg	215 KB	2015-10-29	Paul Kanelli