

## QGIS Application - Bug report #10076

### SLD file generation

2014-04-15 05:37 AM - roberto loperfido

<b>Status:</b>	Closed		
<b>Priority:</b>	Normal		
<b>Assignee:</b>			
<b>Category:</b>	Symbology		
<b>Affected QGIS version:</b>	2.2.0		
<b>Operating System:</b>	win32		
<b>Pull Request or Patch supplied:</b>	No		
<b>Crashes QGIS or corrupts data:</b>	No	<b>Regression?:</b>	No
		<b>Easy fix?:</b>	No
		<b>Resolution:</b>	
		<b>Copied to github as #:</b>	18546
<b>Description</b>			
<p>we noticed that Qgis 2.2.0 (32-bit) on Windows generation SLD file is not compatible with Geoserver 2.3.4 (Linux) - attach a picture of the error validation.</p> <p>In order to reproduce the error we send you the shape file (ESRI) zone_colorate.shp and SLD files generated by Qgis 2 and SLD edited the file manually (and properly validated by Geoserver)</p>			
<b>Related issues:</b>			
Related to QGIS Application - Bug report # 11202: Invalid SLD generated			<b>Closed</b> <b>2014-09-13</b>

#### Associated revisions

##### Revision 1140437f - 2016-08-12 12:44 PM - Andrea Aime

Do not generate a ogc:Filter where a ogc:Expression is expected. Fixes #10076 and #11202

##### Revision 5c4fd978 - 2016-09-20 01:23 PM - Andrea Aime

Do not generate a ogc:Filter where a ogc:Expression is expected. Fixes #10076 and #11202

##### Revision 7cecb2 - 2016-09-21 05:18 PM - Andrea Aime

Do not generate a ogc:Filter where a ogc:Expression is expected. Fixes #10076 and #11202

##### Revision b6274013 - 2016-10-01 03:50 PM - Andrea Aime

Do not generate a ogc:Filter where a ogc:Expression is expected. Fixes #10076 and #11202

#### History

##### #1 - 2016-07-09 07:54 AM - Andrea Aime

I've checked, indeed the generated SLD is not compliant with the specification, this is the invalid bit repeated multiple times in the document:

```
<se:Rotation>
  <ogc:Filter xmlns:ogc="http://www.opengis.net/ogc">
    <ogc:Literal>45</ogc:Literal>
  </ogc:Filter>
</se:Rotation>
```

A filter can only be added at the top of the rule to select the features to be painted, the rotation element needs to contain an expression instead. This is the valid syntax:

```
<se:Rotation>
  <ogc:Literal>45</ogc:Literal>
</se:Rotation>
```

#2 - 2016-07-09 08:43 AM - Andrea Aime

So far I've tracked the rotation element generation here:  
<https://github.com/qgis/QGIS/blob/master/src/core/symbology-ng/qgssymbollayerv2utils.cpp#L2306>  
and inside it calls createFunctionElement which turns a QGis expression into a OGC filter instead of a OGC expression

#3 - 2016-08-15 04:06 AM - Andrea Aime  
- Status changed from Open to Closed

Fixed in changeset commit:"1140437f5513b361227a608a46cebf94da1a1e05".

Files			
segnalazione.zip	90.6 KB	2014-04-15	roberto loperfido