QGIS Application - Bug report #10076
SLD file generation

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

Status:	Closed		
Priority:	Normal		
Assignee:			
Category:	Symbology		
Affected QGIS version:	2.2.0	**Regression?:**	No
Operating System:	win32	**Easy fix?:**	No
Pull Request or Patch supplied:		**Resolution:**	
Crashes QGIS or corrupts data:		**Copied to github as #:**	18546

Description

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.
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)

Related issues:

Related to QGIS Application - Bug report # 11202: Invalid SLD generated	**Closed**	**2014-09-13**

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 7cecbeb2 - 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