

## QGIS Application - Bug report #15422

### Gap is not considered in the loading a SLD for a marker symbol line

2016-08-11 04:56 AM - Pierre-Yves Abalain

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Symbology	
<b>Affected QGIS version:</b> 2.16.1	<b>Regression?:</b> No
<b>Operating System:</b> Windows	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b> No	<b>Resolution:</b> invalid
<b>Crashes QGIS or corrupts data:</b> No	<b>Copied to github as #:</b> 23349

#### Description

I'm exporting a style layer definition in a SLD file.  
My layer is a line and I use the predefined style "Construction road".  
The style is a marker line symbol.  
There's a gap of 2 specified.

When I export to the SLD file, it's OK, I retrieve this GAP :

```
<se:Gap>
|
| <ogc:Filter xmlns:ogc="http://www.opengis.net/ogc">
| | <ogc:Literal>2</ogc:Literal>
| |
| </ogc:Filter>
|
</se:Gap>
```

But when I reload this SLD file to another layer, this GAP is not considered.  
I get the value of 0.

In attachment, the SLD generated.

#### History

##### #1 - 2016-08-11 10:16 AM - Nyal Dawson

- Priority changed from High to Normal

##### #2 - 2017-01-15 04:26 PM - Jorge Rocha

- % Done changed from 0 to 100

- Target version deleted (Future Release - High Priority)

- Status changed from Open to Closed

The provided style gap.sld is not valid.

```
xmlstarlet val -e -s http://schemas.opengis.net/sld/1.1.0/StyledLayerDescriptor.xsd gap.sld
gap.sld:2:369: Element '{http://www.opengis.net/sld}StyledLayerDescriptor', attribute 'units': The attribute 'units' is not allowed.
gap.sld:26:69: Element '{http://www.opengis.net/ogc}Filter': This element is not expected. Expected is one of (
```

{http://www.opengis.net/ogc}expression, {http://www.opengis.net/ogc}Add, {http://www.opengis.net/ogc}Sub, {http://www.opengis.net/ogc}Mul, {http://www.opengis.net/ogc}Div, {http://www.opengis.net/ogc}PropertyName, {http://www.opengis.net/ogc}Function, {http://www.opengis.net/ogc}Literal, {http://www.opengis.net/se}FormatNumber, {http://www.opengis.net/se}FormatDate ).  
gap.sld - invalid

When exporting to SLD, QGIS (QGIS version 2.99.0-Master, QGIS code revision 6ba303e) generates a valid usage of <Gap>.

```
<se:Gap>  
  <ogc:Literal>11</ogc:Literal>  
</se:Gap>
```

I'm closing this bug since it is based on an invalid SLD. If there is a problem reading a valid SLD, please reopen this ticket and provide a valid SLD.

### #3 - 2017-01-15 11:58 PM - Giovanni Manghi

- Resolution set to invalid
- % Done changed from 100 to 0

#### Files

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gap.sld	1.54 KB	2016-08-11	Pierre-Yves Abalain
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