

QGIS Application - Bug report #19434

SLD import interprets specific text as decimal in scientific notation

2018-07-17 02:37 PM - Bo Thomsen

Status:	Open	
Priority:	Normal	
Assignee:		
Category:	Symbology	
Affected QGIS version:	3.2	Regression?: No
Operating System:	MS Windows	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 27262
Description		
(Actually, I'm not sure if it's a bug or a feature...) When importing af SLD style layout file with filter element values and the value ex. looks like this: "4e-003" the value is mis-interpreted as a decimal (in scientific notation) instead of a string <pre>.. <ogc:Filter xmlns:ogc="http://www.opengis.net/ogc"> <ogc:PropertyIsEqualTo> <ogc:PropertyName>underelement_kode</ogc:PropertyName> <ogc:Literal>11a-002</ogc:Literal> </ogc:PropertyIsEqualTo> </ogc:Filter></pre> The above SLD part is converted to a QGIS style rule like this: <i>underelement_kode = '11a-002'</i> However this example is misinterpreted <pre>.. <ogc:Filter xmlns:ogc="http://www.opengis.net/ogc"> <ogc:PropertyIsEqualTo> <ogc:PropertyName>underelement_kode</ogc:PropertyName> <ogc:Literal>11e-002</ogc:Literal> </ogc:PropertyIsEqualTo> </ogc:Filter></pre> It's converted to a QGIS style rule like this: <i>underelement_kode = 0.11</i> Changing the SLD style element to <ogc:PropertyIsLike> which must have a string value doesn't change the behavior. It will make a rule like this: <i>underelement_kode LIKE '0.11'</i> instead of: <i>underelement_kode LIKE '11a-002'</i> The example file contains a SLD created from a correct rule-based styling in QGIS with the abovementioned values and exported as a SLD file. When re-imported into QGIS the style rules for values that can be interpreted as a decimal in scientific notation have changed ("4e-003" --> 0.004)		

History

#1 - 2018-07-17 02:58 PM - Bo Thomsen

- File flade fra QGIS.sld added

Removed a lot of unnecessary rules in example file

Files

flade fra QGIS.sld	100 KB	2018-07-17	Bo Thomsen
flade fra QGIS.sld	2.86 KB	2018-07-17	Bo Thomsen