

QGIS Application - Bug report #14119

Ensure the OGC filter XML expression contains the GML namespace references.

2016-01-16 04:18 PM - Jeremy Palmer

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Web Services clients/WFS	
Affected QGIS version:	master	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:		Resolution:
Crashes QGIS or corrupts data:		Copied to github as #: 22121
Description		
WFS Servers such as Geoserver won't parse the C XML filter unless it's there. Example expression that fails: QGIS Expression: "intersects(\$geometry, geom_from_wkt('POLYGON'))" Gets converted to: OGC XML: <pre><ogc:Filter xmlns:ogc="http://www.opengis.net/ogc" xmlns:gml="http://www.opengis.net/ogc"> <ogc:Intersects> <ogc:PropertyName>geometry</ogc:PropertyName> <gml:Polygon> <gml:outerBoundaryIs> <gml:LinearRing> <gml:coordinates cs="," ts=" " >171.9043399999999906,-43.21011200000000023 172.32836199999999849,-43.21011200000000023 172.32836199999999849,-42.99926099999999707 171.9043399999999906,-42.99926099999999707 171.9043399999999906,-43.21011200000000023</gml:coordinates> </gml:LinearRing> </gml:outerBoundaryIs> </gml:Polygon> </ogc:Intersects> </ogc:Filter></pre> To fix this the expression to OGC XML function should add the xmlns:gml=http://www.opengis.net/ogc namespace. e.g <pre><ogc:Filter xmlns:ogc="http://www.opengis.net/ogc" xmlns:gml="http://www.opengis.net/ogc"> <ogc:Intersects> <ogc:PropertyName>geometry</ogc:PropertyName> <gml:Polygon> <gml:outerBoundaryIs> <gml:LinearRing> <gml:coordinates cs="," ts=" " >171.9043399999999906,-43.21011200000000023 172.32836199999999849,-43.21011200000000023 172.32836199999999849,-42.99926099999999707 171.9043399999999906,-42.99926099999999707 171.9043399999999906,-43.21011200000000023</gml:coordinates> </gml:LinearRing> </gml:outerBoundaryIs> </gml:Polygon> </ogc:Intersects> </ogc:Filter></pre>		

Associated revisions

Revision 9fe6a9fe - 2016-04-05 09:49 PM - Even Rouault

QgsOgcUtils: add support to generate WFS 1.1 and 2.0 filters

Fixes #14119: Ensure the OGC filter XML expression contains the GML namespace references

Revision 8fe0c177 - 2016-09-30 02:23 PM - Even Rouault

QgsOgcUtils: add support to generate WFS 1.1 and 2.0 filters

Fixes #14119: Ensure the OGC filter XML expression contains the GML namespace references

History

#1 - 2016-04-07 01:18 AM - Even Rouault

- *Status changed from Open to Closed*

Fixed in changeset commit:"9fe6a9fe48059ea10a74128a4fbf57cfa39795ce".