

## QGIS Application - Bug report #14119

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

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

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Web Services clients/WFS	
<b>Affected QGIS version:</b> master	<b>Regression?:</b> No
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 22121
<b>Description</b>	
<p>WFS Servers such as Geoserver won't parse the C XML filter unless it's there. Example expression that fails:</p> <p>QGIS Expression: "intersects(\$geometry, geom_from_wkt("POLYGON"))"</p> <p>Gets converted to:</p> <p>OGC XML:</p> <pre>&lt;ogc:Filter xmlns:ogc="http://www.opengis.net/ogc" xmlns:gml="http://www.opengis.net/ogc"&gt;   &lt;ogc:Intersects&gt;     &lt;ogc:PropertyName&gt;geometry&lt;/ogc:PropertyName&gt;     &lt;gml:Polygon&gt;       &lt;gml:outerBoundaryIs&gt;         &lt;gml:LinearRing&gt;           &lt;gml:coordinates cs="," ts=" " &gt;171.9043399999999906,-43.2101120000000023 172.32836199999999849,-43.2101120000000023 172.32836199999999849,-42.99926099999999707 171.9043399999999906,-42.99926099999999707 171.9043399999999906,-43.2101120000000023&lt;/gml:coordinates&gt;         &lt;/gml:LinearRing&gt;       &lt;/gml:outerBoundaryIs&gt;     &lt;/gml:Polygon&gt;   &lt;/ogc:Intersects&gt; &lt;/ogc:Filter&gt;</pre> <p>To fix this the expression to OGC XML function should add the xmlns:gml=http://www.opengis.net/ogc namespace. e.g</p> <pre>&lt;ogc:Filter xmlns:ogc="http://www.opengis.net/ogc" xmlns:gml="http://www.opengis.net/ogc"&gt;   &lt;ogc:Intersects&gt;     &lt;ogc:PropertyName&gt;geometry&lt;/ogc:PropertyName&gt;     &lt;gml:Polygon&gt;       &lt;gml:outerBoundaryIs&gt;         &lt;gml:LinearRing&gt;           &lt;gml:coordinates cs="," ts=" " &gt;171.9043399999999906,-43.2101120000000023 172.32836199999999849,-43.2101120000000023 172.32836199999999849,-42.99926099999999707 171.9043399999999906,-42.99926099999999707 171.9043399999999906,-43.2101120000000023&lt;/gml:coordinates&gt;         &lt;/gml:LinearRing&gt;       &lt;/gml:outerBoundaryIs&gt;     &lt;/gml:Polygon&gt;   &lt;/ogc:Intersects&gt; &lt;/ogc:Filter&gt;</pre>	

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## Associated revisions

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### 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

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

- *Status changed from Open to Closed*

Fixed in changeset commit:"9fe6a9fe48059ea10a74128a4fbf57cfa39795ce".