

QGIS Application - Bug report #12780

Correct GML interpreted as plain table when XSD is present

2015-05-20 12:36 AM - Joeri Theelen

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Data Provider/OGR	
Affected QGIS version:	2.6.1	Regression?: No
Operating System:	Windows	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: up/downstream
Crashes QGIS or corrupts data:	No	Copied to github as #: 20879
Description		
<p>I'm not sure if this is a bug or not. I have a correct GML file, and it is interpreted as geospatial data by QGIS, but when I add the accompanying XSD-file, the GML is interpreted as a plain table (i.e. the spatial part is not recognized).</p> <p>See files attached:</p> <p>Refgew.gml with Refgew.xsd is interpreted as plain attribute table</p> <p>Refgew2.gml (having no internal link to Refgew.xsd) is interpreted as a geospatial dataset</p> <p>File source: https://download.agiv.be/Producten/Detail?id=10&#38;title=Voorlopig_referentiebestand_gemeentegrenzen</p>		

History

#1 - 2015-05-26 09:43 AM - Saber Razmjooei

- Status changed from Open to Feedback

Works for me in master.

#2 - 2015-05-26 02:35 PM - Joeri Theelen

- File Voorlopig_referentiebestand_gemeentegrenzen_Gml.zip added
- File 2015-05-26_232432.png added
- Assignee set to Saber Razmjooei

Hi, thanks for looking into this. Yes, I've noticed that, with the files that I have uploaded in my original post, the GML with XSD is interpreted correctly (in QGIS 2.6 and 2.8). Strange. However, I have downloaded the original file again from our governments website, having administrative borders in Flanders. You can find the original download attached. I tried again, and it's still not interpreted correctly. See screenshot attached. Refgem.gml + Refgem.xsd (in red) is a plain table. "Refgem - Copy.gml" is the same file as "Refgem.gml", but it does not share the filename-part with the XSD: it is interpreted as a geospatial dataset (blue) as it should be. Maybe using the original download you'll be convinced that there is something wrong here.

#3 - 2015-05-26 11:40 PM - Giovanni Manghi

- Status changed from Feedback to Closed
- Resolution set to up/downstream
- Assignee deleted (Saber Razmjooei)

Not a QGIS issue.

Try this two ogr commands:

ogrinfo Refgem.gml Refgem

and

ogrinfo Refgem-copy.gml Refgem

you will see that in the first case only attributes will be presented, in the second case also the geometry part.

#4 - 2015-05-27 12:24 AM - Joeri Theelen

- Assignee set to Giovanni Manghi

So what you are saying is that this is an OGR issue then? Or is the XML Schema not valid? I cannot test this now, but I remember checking it in XML Spy and the GML and XML Schema were both valid. However, I checked using the Java 8 just now, and there seems to be an issue: *Cannot resolve the name 'gml:_FeatureCollection' to a(n) 'element declaration' component.*

Anyway, I want to give the person responsible for creating these GML-files valuable feedback: so is it OGR or the XML Schema?

Thanks.

#5 - 2015-05-27 12:31 AM - Giovanni Manghi

- Assignee deleted (Giovanni Manghi)

Anyway, I want to give the person responsible for creating these GML-files valuable feedback: so is it OGR or the XML Schema?

with that xml schema ogr does not shows the geometries, so still unclear to me if is ogr or the schema. Better file a ticket on ogr tracker.

#6 - 2015-05-27 12:42 PM - Joeri Theelen

Ok, thanks for the advice: I have posted this on the OGR issue tracker here:

<https://trac.osgeo.org/gdal/ticket/5977>

Cheers.

Files			
Refgew.gml	651 KB	2015-05-19	Joeri Theelen
Refgew.xsd	3.27 KB	2015-05-19	Joeri Theelen
Refgew2.gml	651 KB	2015-05-19	Joeri Theelen
Voorlopig_referentiebestand_gemeentegrenzen_Gml.zip	4.58 MB	2015-05-26	Joeri Theelen
2015-05-26_232432.png	209 KB	2015-05-26	Joeri Theelen