

QGIS Application - Feature request #20066

Implement tool to load INSPIRE GML datasets

2018-10-10 11:13 AM - Noel Suárez González

Status:	Open	Resolution: Copied to github as #: 27888
Priority:	Normal	
Assignee:		
Category:	Vectors	
Pull Request or Patch supplied:		
Easy fix?:	No	
Description		
some GML files can not be loaded correctly in QGIS 3.2.3 in macOS		

History

#1 - 2018-10-10 11:30 AM - Noel Suárez González

- File *Captura de pantalla 2018-10-10 a las 11.29.14.png* added
- File *Captura de pantalla 2018-10-10 a las 11.30.27.png* added

Capture of diferente files

#2 - 2018-10-10 12:39 PM - Giovanni Manghi

- Status changed from Open to Feedback

Hi,

please add a link (or attach one of those files).

Anyway, if the GML are in the (complex) INSPIRE data model you will need to load them using specific extensions, like http://plugins.qgis.org/plugins/gml_application_schema_toolbox/

#3 - 2018-10-10 01:07 PM - Noel Suárez González

- File *GML_Parcels.gml* added

#4 - 2018-10-10 01:08 PM - Noel Suárez González

- File *A.ES.SDGC.CP.33013.cadastralzoning.gml* added

#5 - 2018-10-10 01:26 PM - Giovanni Manghi

- Subject changed from *Qgis 3.3.2 can't properly load gml spanish inspire files* to *Qgis can't properly load gml INSPIRE files*
- Category changed from *Data Provider* to *Vectors*
- File *VirtualBox_windows_7_10_10_2018_12_24_44.png* added

See attached image:

as I suspected the GML in the complex INSPIRE data model. You need to use a plugin that allows you to see the data. The one I suggested above does not seems to work (I get a Python error on importing the data) while the "GML loader" one works, but at the moment it seems only for QGIS 2.*.

I think that this ticket should be closed, or eventually changed to feature request.

#6 - 2018-10-11 09:59 PM - Saber Razmjooei

You need to convert it using ogr2ogr (v 2.2) and a template, which with a quick googling I found out to be

<https://inspire.ec.europa.eu/schemas/cp/3.0/CadastralParcels.xsd>

So, the ogr2ogr command to convert it to a geopackage based on the above schema:

```
ogr2ogr -f GPKG A.ES.SDGC.CP.33013.cadastralzoning.gpkg GMLAS:A.ES.SDGC.CP.33013.cadastralzoning.gml -oo XSD:https://inspire.ec.europa.eu/schemas/cp/3.0/CadastralParcels.xsd
```

#7 - 2018-10-11 10:00 PM - Saber Razmjooei

- File A.ES.SDGC.CP.33013.cadastralzoning.gpkg added

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```

See the attached gpkg file for the result.

#8 - 2018-10-12 11:06 AM - Giovanni Manghi

- Status changed from Feedback to Open

- Tracker changed from Bug report to Feature request

- Subject changed from Qgis can't properly load gml INSPIRE files to Implement tool to load INSPIRE GML datasets

Files

Captura de pantalla 2018-10-10 a las 11.09.11.png	298 KB	2018-10-10	Noel Suárez González
Captura de pantalla 2018-10-10 a las 11.10.35.png	88.4 KB	2018-10-10	Noel Suárez González
Captura de pantalla 2018-10-10 a las 11.29.14.png	1.01 MB	2018-10-10	Noel Suárez González
Captura de pantalla 2018-10-10 a las 11.30.27.png	1.71 MB	2018-10-10	Noel Suárez González
GML_Parcels.gml	2.91 KB	2018-10-10	Noel Suárez González
A.ES.SDGC.CP.33013.cadastralzoning.gml	533 KB	2018-10-10	Noel Suárez González
VirtualBox_windows_7_10_10_2018_12_24_44.png	175 KB	2018-10-10	Giovanni Manghi
A.ES.SDGC.CP.33013.cadastralzoning.gpkg	784 KB	2018-10-11	Saber Razmjooei