

QGIS Application - Feature request #10884

OSM data loaded with "Add Vector layer" can be incomplete

2014-07-12 06:14 AM - Andre Joost

Status:	Open	Resolution: Copied to github as #: 19252
Priority:	Normal	
Assignee:		
Category:	Vectors	
Pull Request or Patch supplied:	No	
Easy fix?:	No	
Description		
<p>Attached is a sample of a real island with landuse polygon downloaded from the OSM API, or rather from http://gis.stackexchange.com/questions/104599/osm2pgsql-missing-coordinates. It gets loaded with the OSM plugin, but incomplete using "Add Vector Layer", as shown in the attached screenshot.</p> <p>The reason is that the nodes are not sorted in the input file. No error message is given in the protocol, some nodes are silently dropped. If I transform the file with ogr2ogr, I get the message "ERROR 1: Non increasing node id. Use OSM_USE_CUSTOM_INDEXING=NO" If I use that as environment variable (not -lco!), it works for ogr2ogr. But QGIS does not offer that method in an easy way.</p> <p>So I suggest to set this variable internally when using the GDAL osm driver.</p> <p>According to OSM expert Paul Norman in http://gis.stackexchange.com/questions/103547/how-to-complete-the-roads-output-of-postgis/103599#103599 the OSM API does not guarantee the nodes in an ordered way, so QGIS has to take care on its own about it.</p>		

History

#1 - 2014-07-17 05:11 AM - Giovanni Manghi

- Category set to Vectors
- OS version deleted (7)
- Operating System deleted (Windows)
- Target version deleted (Future Release - High Priority)
- Status changed from Open to Feedback
- Crashes QGIS or corrupts data changed from Yes to No

is tis related with this

#8878

and this

#8037

?

#2 - 2014-07-17 08:56 AM - Andre Joost

Giovanni Manghi wrote:

is this related with this

#8878

and this

#8037 ?

No, those are pitfalls for the OSM plugin. My test case fails for the Add Vector Layer data provider, based on the GDAL OSM driver.

#3 - 2014-10-11 01:24 PM - Giovanni Manghi

- Status changed from Feedback to Open
- Tracker changed from Bug report to Feature request

#4 - 2017-05-01 12:47 AM - Giovanni Manghi

- Easy fix? set to No

Files

osmpolygons.osm	4.81 KB	2014-07-12	Andre Joost
osmpolygons.png	6.88 KB	2014-07-12	Andre Joost