

QGIS Application - Bug report #21089

[processing] SAGA algorithms cannot produce non-shp output

2019-01-24 03:24 PM - Victor Olaya

Status:	Closed	
Priority:	High	
Assignee:	Victor Olaya	
Category:	Processing/SAGA	
Affected QGIS version:	3.5(master)	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 28907
Description		
<p>Looks like the mechanism that was implemented in 2.x, which allowed to handle any output format (Processing called saga to create a SHP, and then transparently converted that to the desired format under the hood) is gone in the current implementation.</p> <p>If that's on purpose, i guess it whould be documented, and SAGA algorithms should not run in that case, showing a warning message. If it's not intended, it's an important regression.</p>		

Associated revisions

Revision 13bff962 - 2019-02-22 08:24 PM - Victor Olaya

[processing] do not allow using unsupported file formats

Show warning message if user selects incompatible output file format

fixes #21089

Revision 96b25ab7 - 2019-02-25 05:56 AM - Victor Olaya

[processing] do not allow using unsupported file formats

Show warning message if user selects incompatible output file format

fixes #21089

(cherry picked from commit 13bff9620c39e110852f4623e3ad9c3ec5ba260c)

Revision 38a3b2a7 - 2019-02-26 02:14 AM - Victor Olaya

[processing] do not allow using unsupported file formats

Show warning message if user selects incompatible output file format

fixes #21089

(cherry picked from commit 13bff9620c39e110852f4623e3ad9c3ec5ba260c)

History

#1 - 2019-01-24 04:00 PM - Victor Olaya

Looks like it is not implemented. The supportedOutputVectorLayerExtensions method is not being used (just for the extensions in the file dialog, but not for any other thing).

The logic for all this was here in 2.x:

https://github.com/qgis/QGIS/blob/release-2_18/python/plugins/processing/core/GeoAlgorithm.py#L271

I will add it to the SAGA algorithm, and eventually it can be moved upstream.

#2 - 2019-01-24 06:11 PM - Alexander Bruy

If I'm not wrong this was intentional change. SAGA outputs left in its native formats to avoid any possible data loss during automated conversion, this especially critical for rasters.

#3 - 2019-01-24 06:57 PM - Victor Olaya

Ah, cool. Then I guess that what we need is some warning message. Or, at least, if the file extension is not correct, fix it on-the-fly so the algorithm doesn't fail

#4 - 2019-02-22 08:24 PM - Victor Olaya

- % Done changed from 0 to 100
- Status changed from Open to Closed

Applied in changeset commit:qgis|13bff9620c39e110852f4623e3ad9c3ec5ba260c.