

QGIS Application - Bug report #19998

Cannot export output of 'Points along geometry' tool as Geopackage

2018-10-02 03:26 PM - James Duffy

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| Status: Closed | |
| Priority: Normal | |
| Assignee: | |
| Category: Processing/OGR | |
| Affected QGIS version: 3.5(master) | Regression?: No |
| Operating System: | Easy fix?: No |
| Pull Request or Patch supplied: | Resolution: |
| Crashes QGIS or corrupts data: | Copied to github as #: 27820 |

Description

I have a polygon layer which I use as an input to the 'Points along geometry tool'. I produce a temporary layer which contains my points.

Then I go to export this temporary layer as a GeoPackage and get the following error.

Export to vector file failed.

Error: Feature write errors:

Feature creation error (OGR error: failed to execute insert : UNIQUE constraint failed: temp.fid)

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Only 1 of 24 features written.

It might be because the temporary layer has the same value (1) for every feature in the FID field.

Related issues:

Related to QGIS Application - Bug report # 19758: Processing: merge vector la... **Open** **2018-09-03**

Related to QGIS Application - Bug report # 19708: Processing: Join attributes... **Closed** **2018-08-27**

Related to QGIS Application - Bug report # 20291: Cannot export layer with a ... **Open** **2018-10-31**

Associated revisions

Revision d0eeffbe - 2018-10-31 10:27 AM - Matthias Kuhn

Regenerate fids for "points along geometry"

Fix #19998

Revision d7b01dba - 2018-10-31 01:48 PM - Matthias Kuhn

Regenerate fids for "points along geometry"

Fix #19998

History

#1 - 2018-10-03 12:19 PM - Andrea Giudiceandrea

I think it is related to #19708 and #19758

#2 - 2018-10-03 02:04 PM - Giovanni Manghi

- Related to Bug report #19758: Processing: merge vector layers produces duplicated fid added

#3 - 2018-10-08 08:46 AM - Jérôme Guélat

Yes, it is definitely related... The easiest solution is to delete the fid column in the temporary layer and then save as a GeoPackage. This will recreate a new fid column respecting the UNIQUE constraint.

#4 - 2018-10-08 12:47 PM - Andrea Giudiceandrea

- Related to Bug report #19708: Processing: Join attributes by location produces duplicated fid added

#5 - 2018-10-31 08:59 AM - Matthias Kuhn

I think it's better to split this bug report into two separate ones:

1. Rename this one to 'Cannot points along geometry creates duplicate fid' and fix direct export to geopackage
2. Create a new one 'Cannot export layers with a field fid with duplicate ids to GeoPackage'

#6 - 2018-10-31 09:08 AM - Matthias Kuhn

- Subject changed from Cannot export temporary layer outputted by 'Points along geometry' tool as Geopackage to Cannot export output of 'Points along geometry' tool as Geopackage

- Affected QGIS version changed from 3.2.2 to 3.5(master)

#7 - 2018-10-31 09:14 AM - Matthias Kuhn

- Status changed from Open to In Progress

<https://github.com/qgis/QGIS/pull/8240>

#8 - 2018-10-31 12:37 PM - Jürgen Fischer

- Related to Bug report #20291: Cannot export layer with a field "fid" which is not unique to GeoPackage added

#9 - 2018-10-31 01:46 PM - Anonymous

- % Done changed from 0 to 100

- Status changed from In Progress to Closed

Applied in changeset commit:qgis|d0eeffbecb01000bd463351bd7845d6dd074a3c0.