

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

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

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 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

2025-12-20

## 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

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### #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|d0eeffbcb0100bd463351bd7845d6dd074a3c0.