

## QGIS Application - Bug report #15614

### Error when adding integer field to an existing geopackage

2016-09-26 02:16 AM - Jérôme Guélat

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> Even Rouault	
<b>Category:</b> Data Provider/OGR	
<b>Affected QGIS version:</b> 2.16.3	<b>Regression?:</b> No
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b> fixed/implemented
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 23537

#### Description

There is a problem when adding an integer field to an existing geopackage. Here are some steps to reproduce the bug:

1. Create a new geopackage
2. Start editing and create a new empty integer field using the "New field" button (attribute table)
3. Stop editing and try to save changes, I get the following error message:

Could not commit changes to layer testshape

Errors: SUCCESS: 1 attribute(s) added.

ERROR: field with index 2 is not the same!

Provider: ogr

Storage: GPKG

expected field: name=test type=int typeName=integer len=1 precision=0

retrieved field: name=test type=int typeName=Integer len=0 precision=0

#### Associated revisions

##### Revision bb9c75b3 - 2016-10-31 05:10 PM - Even Rouault

[OGR provider] Make addAttributes() return the requested field type, precision and width so as to make QgsVectorLayerEditBuffer::commitChanges() API

Fixes #15614

##### Revision d0774e62 - 2016-10-31 05:12 PM - Even Rouault

[OGR provider] Make addAttributes() return the requested field type, precision and width so as to make QgsVectorLayerEditBuffer::commitChanges() API

Fixes #15614

##### Revision 38a77118 - 2016-10-31 05:32 PM - Even Rouault

[OGR provider] Make addAttributes() return the requested field type, precision and width so as to make QgsVectorLayerEditBuffer::commitChanges() API

Fixes #15614

##### Revision 8cf03ced - 2016-10-31 06:15 PM - Even Rouault

[OGR provider] Make addAttributes() return the requested field type, precision and width so as to make QgsVectorLayerEditBuffer::commitChanges() API

Fixes #15614

## History

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### #1 - 2016-10-26 01:48 AM - Jérôme Guélat

This bug is still present in QGIS 2.18... It also happens with other types (text columns seem to be OK, though).

### #2 - 2016-10-31 09:11 AM - Even Rouault

- Status changed from Open to Closed

Fixed in changeset commit:"bb9c75b39443a86bd1419081d9847c35ed0e8c27".

### #3 - 2016-10-31 10:18 AM - Even Rouault

- Resolution set to fixed/implemented
- Target version set to Version 2.14
- Assignee set to Even Rouault
- Category set to Data Provider/OGR

This was due to the create field dialog asking to create fields with width 1, whereas the GPKG driver doesn't support field width for non-text field, and the QgsVectorLayerEditBuffer class checking that the created field has the asked width.