QGIS Application - Bug report #18784
«Feature has too many attributes» warning with virtual field

2018-04-21 11:31 PM - Antoine Lafranchis

Status:	Closed			
Priority:	High			
Assignee:	Nyall Dawson			
Category:	Attribute table			
Affected QGIS version:	3.1(master)	**Regression?:**	Yes	
Operating System:	Windows 10	**Easy fix?:**	No	
Pull Request or Patch supplied:		**Resolution:**		
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	26671	

Description

The error message «Feature has too many attributes (expecting 1, received 2)» appears when adding elements to a layer with a virtual field. This message should not be displayed in this case, since there is no error. All attributes are correctly saved and the virtual field is correctly updated for all elements.

Steps to reproduce:

1. Create project and create new shapefile vector (type polygon).
2. Draw a few polygons.
3. Open Field Calculator.
4. Create a new virtual field (type number) with the expression "$area".
5. Click OK.
6. Save layer.
7. Add additionnal polygons.
8. Save layer again, an the error message «Feature has too many attributes (expecting 1, received 2)» in the top bar.

Associated revisions

Revision a8794001 - 2018-09-25 12:49 AM - Nyall Dawson

Add method to match feature attributes to the given fields

Refs #18784

Revision cc53af29 - 2018-09-25 12:49 AM - Nyall Dawson

Fix errors when saving features with virtual fields present

Fixes #18784

History

#1 - 2018-09-19 03:56 PM - Rob Willson

This "feature has too many attributes" error message not only pops up on layers with virtual field types for area calculation (memory layers and shapefiles) but also pops up as soon as one makes a join on a field. Although in in most cases the data is saved it is disconcerting to the average user because they think there is a problem with the features they just created. Even more problematic is that pasting into the table with the virtual field will generate hundreds of these errors and so can cause QGIS to hang and so one has to abort and try another way to transfer data between layers. using 3.2.3-Bonn

#2 - 2018-09-19 08:32 PM - Giovanni Manghi

- Priority changed from Low to High

If confirmed this would be a severe regression.

#3 - 2018-09-24 02:42 AM - Nyall Dawson

- Assignee set to Nyall Dawson

- Status changed from Open to In Progress

#4 - 2018-09-24 04:16 PM - emmanuel poizot

I get also this problem when adding new features in a memory layer (in Python):

1) I create an empty new memory layer

2) I copy a feature from an existing layer

3) I write the cpoied feature to the memory layer

I get then :

"2018-09-24T15:56:27   CRITICAL   Couche temporaryLayer : Feature has too many attributes (expecting 0, received 4)"

#5 - 2018-09-25 12:48 AM - Nyall Dawson

- Status changed from In Progress to Closed

- % Done changed from 0 to 100

Applied in changeset commit:qgis|cc53af296c8b9b5cad3856ce16efd86b6617ed5d.

#6 - 2018-09-25 08:11 AM - Daan Goedkoop

Will this bugfix also be applied to version 3.2.4?

#7 - 2018-09-25 09:06 AM - Nyall Dawson

No - there is no 3.2.4 release. 3.2.3 was the final in the 3.2 series.

#8 - 2018-09-25 02:17 PM - Daan Goedkoop

Oops, sorry for asking such a stupid question!

#9 - 2018-09-25 03:36 PM - Rob Willson

amazing, thank you!