QGIS Application - Bug report #18954
Crash when adding existing field to vectorlayer

2018-05-15 09:53 AM - David Signer

Status:	Closed			
Priority:	Normal			
Assignee:	Peter Petrik			
Category:	Forms			
Affected QGIS version:	3.1(master)	**Regression?:**	No	
Operating System:		**Easy fix?:**	No	
Pull Request or Patch supplied:	Yes	**Resolution:**		
Crashes QGIS or corrupts data:	Yes	**Copied to github as #:**	26785	

Description

In the properties of vector layer - in the section "Source Fields" on QGIS 3 and "Fields" on QGIS 2.18.
When trying to add a feature with an existing name (unique id), a warning appears. But only if this existing name haven't been changed.
In case the name has been changed in GUI but not saved, it allows a renaming but crashes because of the still existing field-name (id).
See the GIF...

Associated revisions

Revision ebcc694a - 2019-01-31 09:20 AM - Peter Petrik

fix #18954 add&rename vector fields (#8982)

fix #18954 add&rename vector fields at the same time

Revision 20cd2154 - 2019-01-31 11:25 AM - Peter Petrik

fix #18954 add&rename vector fields (#8982) (#9042)

fix #18954 add&rename vector fields at the same time

History

#1 - 2019-01-24 04:16 PM - Peter Petrik

- Status changed from Open to In Progress

- Assignee set to Peter Petrik

can replicate with QGIS 3.5

#2 - 2019-01-24 04:22 PM - Giovanni Manghi

- Affected QGIS version changed from 3.1(master) to 3.5(master)

#3 - 2019-01-25 10:36 AM - Peter Petrik

- Affected QGIS version changed from 3.5(master) to 3.1(master)

logic is QgsVectorLayerEditBuffer is that (QgsVectorLayerEditBuffer::updateFields and QgsVectorLayerEditBuffer::commitChanges)
1) delete attributes

2) add new attributes

3) rename all not-deleted attributes and newly added attributes in 2)

problem is when you rename "old" attribute and then add "new" attribute with the original name since QgsFields::append() in QgsVectorLayerEditBuffer::updateFields (silently) returns false.

It would be easy to fix updateField to 1) delete attributes 2) rename old 3) add new 4) rename new, but same change in commitChanges would need to change a behaviour of committedAttributesRenamed

#4 - 2019-01-25 03:03 PM - Peter Petrik

- Pull Request or Patch supplied changed from No to Yes

https://github.com/qgis/QGIS/pull/8982

#5 - 2019-01-31 09:20 AM - Peter Petrik

- % Done changed from 0 to 100

- Status changed from In Progress to Closed

Applied in changeset commit:qgis|ebcc694ab1a0cee9693b8cb1c4c5562e43be93a7.

Files

crash-when-adding-field.gif	510 KB	2018-05-15	David Signer