QGIS Application - Bug report #7072
regression : can't create a feature

2013-01-29 05:31 AM - Philippe Dorelon

Status:	Closed		
Priority:	Severe/Regression		
Assignee:			
Category:	Vectors		
Affected QGIS version:	master	**Regression?:**	No
Operating System:		**Easy fix?:**	No
Pull Request or Patch supplied:		**Resolution:**	
Crashes QGIS or corrupts data:		**Copied to github as #:**	16156

Description

In master revision (commit:94491b8),

it seems impossible to create a feature with geometry: the new object disappears after its creation.

Thanks all

Associated revisions

Revision aca3dfaf - 2013-07-09 03:47 PM - Nathan Woodrow

Merge pull request #546 from PhilippeDorelon/addfeatureJoin

Fix #7072 : can't create a feature when a layer has a join

History

#1 - 2013-01-29 06:08 AM - Nathan Woodrow

We are going to need some more information then that in order to track down the issue. What type of layer are you using?

#2 - 2013-01-29 06:36 AM - Philippe Dorelon

- File test.zip added

In fact, the bug appears when there is a join on the edited layer. I tested it with shape files, spatialite files on points and lines.

#3 - 2013-03-06 08:51 AM - Philippe Dorelon

I think the problem is in qgsvectorlayereditbuffer.cpp : QgsVectorLayerEditBuffer::addFeature
This lines :
    int layerFieldCount = L->dataProvider()->fields().count() + mAddedAttributes.count() - mDeletedAttributeIds.count();
    if (layerFieldCount != f.attributes().count())
      return false;

f.attributes().count() includes joinfields, layerFieldCount doesn't.

With something like that, it works:

```
int layerFieldJoinCount=0;
  for ( int i = 0; i < L->mUpdatedFields.count(); ++i )
  {
    if ( L->mUpdatedFields.fieldOrigin(i)==QgsFields::OriginJoin )
   {
      layerFieldJoinCount++;
   }
  }
  int layerFieldCount = L->dataProvider()->fields().count() + layerFieldJoinCount + mAddedAttributes.count() - mDeletedAttributeIds.count();
```

#4 - 2013-05-29 11:06 PM - Denis Rouzaud

Does it make sense to have all joined fields in the edit form as they won't be used?

#5 - 2013-05-30 12:54 AM - Denis Rouzaud

Should be fixed by these two requests:
https://github.com/qgis/Quantum-GIS/pull/576
https://github.com/qgis/Quantum-GIS/pull/546

Reply from Minoru:
I think it's right. In 1.8, joined fields are editable. Input values
are displayed in the attribute table, but their values are not saved
when I save the layer as a new file.
My patch[1] does not hide joined fields in new feature form, but it
makes joined fields uneditable. As soon as we create a new feature on
join layer, fields in the joined table are bind to the new feature
corresponding to the value of the target field. I believe that editing
join layer should work well with two patches[1][2].

#6 - 2013-07-09 06:30 AM - Nathan Woodrow

What is the status of this?

#7 - 2013-07-09 06:47 AM - Nathan Woodrow
- Status changed from Open to Closed

Fixed in changeset commit:"aca3dfaf77a227e95c67a5dabbe67887b30a53fe".

Files

test.zip	259 KB	2013-01-29		Philippe Dorelon