

# QGIS Application - Bug report #7072

## regression : can't create a feature

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

<b>Status:</b> Closed	
<b>Priority:</b> Severe/Regression	
<b>Assignee:</b>	
<b>Category:</b> Vectors	
<b>Affected QGIS version:</b> master	<b>Regression?:</b> No
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 16156
<b>Description</b>	
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/ggis/Quantum-GIS/pull/576>

<https://github.com/ggis/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<sup>1</sup> 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<sup>1</sup>[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

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