

QGIS Application - Bug report #10560

Wrong feature count after edit

2014-06-12 01:37 AM - Saber Razmjooei

<b>Status:</b>	Closed	
<b>Priority:</b>	Severe/Regression	
<b>Assignee:</b>		
<b>Category:</b>	Data Provider/OGR	
<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> fixed/implemented
<b>Crashes QGIS or corrupts data:</b>		<b>Copied to github as #:</b> 18967
<b>Description</b> Feature count in QGIS master (commit:21f0b4f) reports wrong number of features after edit. To reproduce: <ul style="list-style-type: none"><li>- Open a vector layer</li><li>- Right-click on the layer from layer tree and enable Feature count (the number of features is correct at this stage)</li><li>- Toggle editing</li><li>- Add or delete features (number of features is still correct)</li><li>- Save edits</li></ul> Feature count resets to the original number  The bug is not in 2.2		
<b>Related issues:</b>		
Related to QGIS Application - Bug report # 12660: Feature count on SHP file l...		<b>Closed</b> <b>2015-04-27</b>
Related to QGIS Application - Bug report # 11007: Deleted/edited features wit...		<b>Closed</b> <b>2014-08-05</b>

Associated revisions

Revision f581e20c - 2014-06-13 11:41 AM - Martin Dobias

Fix #10560 (wrong feature count)

Revision 7d7cdcd3 - 2015-05-28 12:34 PM - Matthias Kuhn

Repack shapefiles when saving after deleting features

- QgsVectorDataProvider::dataChanged() will be emitted
- QgsVectorLayer::dataChanged() will be emitted
- Clears QgsVectorLayerCache
- Reloads the attribute table
- Clears the selection

Looking forward to people complaining about their lost selection...

Fix #10560

Fix #11989

Refs #8317

Refs #8822

Refs #10483

Refs #11007

Refs #7540

Refs #11398

Refs #11296

## History

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### #1 - 2014-06-12 02:29 AM - Martin Dobias

- Assignee set to *Martin Dobias*

### #2 - 2014-06-13 02:41 AM - Martin Dobias

- Status changed from *Open* to *Closed*

Fixed in changeset commit:"f581e20c44d746590a9454f397218ebe501e6a9c".

### #3 - 2014-11-26 01:41 AM - Steve Lowman

- Target version set to *Version 2.6*

- Status changed from *Closed* to *Reopened*

This bug is occurring in 2.6.

### #4 - 2014-11-26 01:18 PM - Giovanni Manghi

- Affected QGIS version changed from *2.2.0* to *2.6.0*

- Status changed from *Reopened* to *Feedback*

- Target version deleted (*Version 2.6*)

Steve Lowman wrote:

| This bug is occurring in 2.6.

cannot confirm on qgis master, please give it a try and report back.

### #5 - 2014-11-27 01:35 PM - Nyal Dawson

I can confirm this on master, when editing a shapefile.

### #6 - 2015-02-10 01:35 AM - Martin Dobias

- Assignee deleted (*Martin Dobias*)

- Status changed from *Feedback* to *Open*

I confirm it too - it's the same problem like in #11007 and #11989 with shapefiles that have not been repacked

### #7 - 2015-02-13 08:45 AM - Jürgen Fischer

- Category set to *Data Provider/OGR*

**#8 - 2015-05-21 07:10 AM - Saber Razmjooei**

- *Status changed from Open to Closed*

Works fine in 2.8.2.

**#9 - 2015-05-21 12:01 PM - Steve Lowman**

- *Status changed from Closed to Reopened*

I tested it in 2.8.2. The bug still exists.

I paste a couple of copied features into the layer. The count changes from 0 to 2. All good so far.

I save the change. The count stays at 2. All correct still.

I delete one of the features. The count reduces to 1. Still good.

I save the change. The count changes back to 2. Oh dear, not so good.

**#10 - 2015-05-21 11:18 PM - Giovanni Manghi**

- *Affected QGIS version changed from 2.6.0 to master*

- *OS version deleted (7)*

- *Operating System deleted (Windows)*

**#11 - 2015-05-28 03:03 AM - Matthias Kuhn**

Pull request ready.

<https://github.com/qgis/QGIS/pull/2086>

Most relevant discussion can be found in:

#11007

**#12 - 2015-05-28 03:35 AM - Matthias Kuhn**

- *Status changed from Reopened to Closed*

Fixed in changeset commit:"7d7cdcd376c0d3fa60af1403a91e1e611b210174".

**#13 - 2016-05-31 04:45 AM - Steve Lowman**

- *Status changed from Closed to Reopened*

This bug is occurring again in 2.14.3. Feature count has been working fine for a while, but whatever the change that fixed it, it seems to have been reversed.

**#14 - 2016-05-31 12:17 PM - R. R.**

Feature count for shape files seems to work properly here on Ubuntu 16.04 LTS (1:2.14.3+git20160529+7d7467f+24xenial). Can you provide a list of steps to reproduce the issue?

**#15 - 2016-06-01 03:31 AM - Steve Lowman**

Yep, I'm in W10. How to reproduce this...

1. New project file.
2. New shapefile layer.
3. Check 'Show Feature Count' for new layer.
4. 'Add Features' tool, digitise some features, e.g. 2 features. (Feature Count updates correctly - reads '2').
5. Save Layer Edits. (Feature Count stays correct - reads '2').
6. Digitise one more feature, and save layer edits. (Feature Count still correct - reads '3').
7. Select and delete one of your features. (Feature Count reduces correctly - reads '2').
8. Save Layer Edits. (Feature Count incorrectly reverts to previous value - reads '3').

**#16 - 2016-06-02 12:34 PM - R. R.**

- File 10560\_qgis-2-14-3.mp4 added

Hi Steve, thanks for your reply. I can't confirm this issue on Ubuntu 16.04 LTS (see screencast).

**#17 - 2016-06-02 11:45 PM - R. R.**

Steve Lowman wrote:

| 8. Save Layer Edits. (Feature Count incorrectly reverts to previous value - reads '3').

I can confirm this on Win7 (QGIS 2.14.3)!

Related: #14859 - Feature count issue (PostGIS view)

**#18 - 2016-06-30 04:27 AM - Andreas Neumann**

- File qgis-rel-dev.png added

I just tested this with a shapefile on Windows 7 with QGIS 2.15 (master) and QGIS 2.14 (#843d17e) and aren't able to reproduce this issue.

@Reinhard and/or Steve: can you please test with #843d17e - you can install it using the OSGeo4W installer ([http://download.osgeo.org/osgeo4w/osgeo4w-setup-x86\\_64.exe](http://download.osgeo.org/osgeo4w/osgeo4w-setup-x86_64.exe)) by choosing "QGIS Rel Dev" in the "Desktop" section.

**#19 - 2016-06-30 10:53 AM - Giovanni Manghi**

- Status changed from Reopened to Feedback

**#20 - 2016-06-30 11:01 AM - Giovanni Manghi**

- Status changed from Feedback to Closed

- Resolution set to fixed/implemented

this is very likely related to #11007

the issue has been solved in master and backported to the development branch of 2.14

#21 - 2016-07-01 01:05 AM - R. R.

I've done the steps above in QGIS 2.15 master 600ff4f and 'Show Feature Count' works as expected.

(Win7)

#22 - 2016-10-04 07:11 AM - Ervin Wirth

- Status changed from Closed to Reopened
- File qgisissue.png added

The problem still exist with 2.16.2 after removing some features with PyQGIS codelines and commit changes.  
Windows 7 x64.

#23 - 2016-10-07 03:29 AM - Even Rouault

- Status changed from Reopened to Feedback

@Ervin, could you provide a self contained script + dataset that reproduces the issue ?

#24 - 2016-10-19 05:18 AM - Matthias Kuhn

- Status changed from Feedback to Closed

@Ervin, make sure you use the layer.add/remove/etcFeature() methods and not layer.dataProvider().add/remove/etcFeature() methods.

Will close this until someone can provide a script/data to reproduce.

Files			
10560_qgis-2-14-3.mp4	876 KB	2016-06-02	R. R.
qgis-rel-dev.png	277 KB	2016-06-30	Andreas Neumann
qgisissue.png	169 KB	2016-10-04	Ervin Wirth