

QGIS Application - Bug report #10560

Wrong feature count after edit

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

Status: Closed	
Priority: Severe/Regression	
Assignee:	
Category: Data Provider/OGR	
Affected QGIS version: master	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied:	Resolution: fixed/implemented
Crashes QGIS or corrupts data:	Copied to github as #: 18967
Description Feature count in QGIS master (commit:21f0b4f) reports wrong number of features after edit. To reproduce: <ul style="list-style-type: none">- Open a vector layer- Right-click on the layer from layer tree and enable Feature count (the number of features is correct at this stage)- Toggle editing- Add or delete features (number of features is still correct)- Save edits Feature count resets to the original number The bug is not in 2.2	
Related issues:	
Related to QGIS Application - Bug report # 12660: Feature count on SHP file l...	Closed 2015-04-27
Related to QGIS Application - Bug report # 11007: Deleted/edited features wit...	Closed 2014-08-05

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

#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) 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