

QGIS Application - Bug report #20308

QGIS fails to copy all selected features to clipboard for large OSM datasets

2018-11-01 06:15 AM - Mathieu Pellerin - nIRV

Status: Closed	
Priority: High	
Assignee: Even Rouault	
Category: Vectors	
Affected QGIS version: 3.4.0	Regression?: Yes
Operating System: Windows	Easy fix?: No
Pull Request or Patch supplied: No	Resolution:
Crashes QGIS or corrupts data: No	Copied to github as #: 28129

Description

(I'm not in a position to confirm that this is a regression from previous versions, but it could well be)

On QGIS 3.4, copying to clipboard a large number of selected features in a large OSM dataset layer fails. Instead of copying all features, only a few features are actually inserted into the clipboard (for e.g., out of 2,500 selected features, between 1-10 features are copied). If you try to copy selected features twice in a row, the second time will lead to QGIS freezing.

Steps to reproduce:

- Create a new project, and add the following OSM dataset (use the points layer): <http://imhere-asia.com/pp.zip>
- Select a large number of points
- Hit the copy button on QGIS' main toolbar
- Paste the copied features (either as new scratch layer, or in MS Excel/LO Calc), notice it'll be missing most features
- Hit the copy button on QGIS' main toolbar again, notice how QGIS freezes (you'll need to kill it)

Associated revisions

Revision 986e11b6 - 2018-11-01 12:37 PM - Even Rouault

[BUGFIX] [OGR provider] Make filter by id(s) requests work again on OSM datasets (fixes #20308)

Revision 6d493580 - 2018-11-01 02:32 PM - Even Rouault

Merge pull request #8397 from rouault/fix_20308

[BUGFIX] [OGR provider] Make filter by id(s) requests work again on OSM datasets (fixes #20308)

Revision bf3e96cf - 2018-11-01 02:32 PM - Even Rouault

[BUGFIX] [OGR provider] Make filter by id(s) requests work again on OSM datasets (fixes #20308)

History

#1 - 2018-11-01 12:34 PM - Even Rouault

<https://github.com/qgis/QGIS/pull/8397>

#2 - 2018-11-01 02:31 PM - Even Rouault

- % Done changed from 0 to 100
- Status changed from Open to Closed

Applied in changeset commit:qgis|986e11b6bbd7ad529b90ad58f5b3093bb5ed69bd.

#3 - 2018-11-01 02:32 PM - Even Rouault

- Regression? changed from No to Yes

#4 - 2018-11-02 10:00 AM - Giovanni Manghi

I have noticed that opening the table of attributes it only shows 99 rows, is this a consequence of this bug?

#5 - 2018-11-02 06:15 PM - Even Rouault

Giovanni Manghi wrote:

| I have noticed that opening the table of attributes it only shows 99 rows, is this a consequence of this bug?

No, this is a different issue. A quick investigation shows that it is due to{{{

```
void QgsVectorLayerCache::setFullCache( bool fullCache ){
    mFullCache = fullCache;
    if ( mFullCache )
    {
        // Add a little more than necessary...
        setCacheSize( mLayer->featureCount() + 100 );
    }
}
```

In the case of a OSM layer, mLayer->featureCount() returns -1 to indicate that the feature count is unknown, hence $-1+100 = 99$. I'm not familiar enough with this piece of code to fix that quickly

#6 - 2018-11-02 06:53 PM - Giovanni Manghi

Even Rouault wrote:

| Giovanni Manghi wrote:

| I have noticed that opening the table of attributes it only shows 99 rows, is this a consequence of this bug?

| No, this is a different issue.

thanks for the explanation, I filed a different ticket.