

## QGIS Application - Bug report #10672

### regression: impossible to paste polygon into newly created shapefile

2014-06-23 02:28 AM - Mathieu Pellerin - nIRV

<b>Status:</b>	Closed	
<b>Priority:</b>	Severe/Regression	
<b>Assignee:</b>	Denis Rouzaud	
<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> 19071
<b>Description</b> <b>Steps to reproduce:</b> <ol style="list-style-type: none"><li>1. Create a new project, and add the attached polygon shapefiles (provinces.shp and rcaf_regions.shp)</li><li>2. Turn rcaf_regions layer's edit mode on.</li><li>3. On the provinces layer, select the polygon with PROV_NAME equating 'Kampong Thom' (it's the middle one to the right of the inner empty space)</li><li>4. Copy the polygon</li><li>5. Try and paste the polygon onto the rcaf_region layer, it will reject with the following message bar: "no features could be successfully pasted"</li></ol> <p>This is highly problematic, and works perfectly fine under QGIS 2.2.</p>		
<b>Related issues:</b> Related to QGIS Application - Bug report # 16758: regression: adding a multi-... <span style="float: right;"><b>Closed</b>      <b>2017-06-27</b></span>		

#### Associated revisions

##### Revision be032f72 - 2014-06-23 04:54 PM - Denis Rouzaud

fix #10672: force multi when pasting on a shapefile

##### Revision 39eaff90 - 2014-06-25 06:03 AM - Martin Dobias

Merge pull request #1483 from 3nids/pasteshape

fix #10672: force multi when pasting on a shapefile

##### Revision 8289891b - 2015-06-09 05:01 PM - Jürgen Fischer

Move information about strict provider geometry type check on point shapefiles to OGR provider and make use of it when pasting & merging features (fixes #12488, refs #10672, refs #10747)

TODO: check if other OGR drivers have similar restrictions.

##### Revision ce99b8ef - 2015-06-29 06:49 PM - Jürgen Fischer

Move information about strict provider geometry type check on point shapefiles to OGR provider and make use of it when pasting & merging features

(fixes #12488, refs #10672, refs #10747)

TODO: check if other OGR drivers have similar restrictions.  
(cherry picked from commit 8289891b78953581f22e944565e0e1c9678a09c3)

History

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#1 - 2014-06-23 02:55 AM - Mathieu Pellerin - nIRV

I should have added that most polygons can be pasted onto the rcaf\_region layer, but the provinces polygon named 'Kampong Thom' fails.

#2 - 2014-06-23 06:37 AM - Denis Rouzaud

- Assignee set to Denis Rouzaud

#3 - 2014-06-23 07:01 AM - Denis Rouzaud

- File pasteshape.zip added

The problem is that the feature is multipart but the destination layer is known as single part, so nothing can be paste.  
I believe the problem is that shapefiles should always (?) be considered as multipart.

I am not sure where to handle this.

in QGisApp::editPaste: if layer is shape, force multi in conversion?

#4 - 2014-06-23 07:59 AM - Denis Rouzaud

<https://github.com/ggis/QGIS/pull/1483>

#5 - 2014-06-23 03:03 PM - Pedro Venâncio

I confirm this also with lines / multilines.

Waiting for Denis PR be accepted and merged.

Thanks Denis!

#6 - 2014-06-24 09:03 PM - Martin Dobias

- Status changed from Open to Closed

Fixed in changeset commit:"39eaff90975e533d0e71293511c5181f8ce7d0d2".

#7 - 2017-07-05 06:47 PM - Jürgen Fischer

- Related to Bug report #16758: regression: adding a multi-part feature to a shapefile dataset fails added

Files

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rcaf_regions.zip	1.57 KB	2014-06-23	Mathieu Pellerin - nIRV
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provinces.zip	1.13 MB	2014-06-23	Mathieu Pellerin - nIRV
pasteshape.zip	1.13 MB	2014-06-23	Denis Rouzaud