

## QGIS Application - Bug report #16758

### regression: adding a multi-part feature to a shapefile dataset fails

2017-06-27 04:25 AM - Mathieu Pellerin - nIRV

<b>Status:</b>	Closed																			
<b>Priority:</b>	High																			
<b>Assignee:</b>	Mathieu Pellerin - nIRV																			
<b>Category:</b>	Data Provider/OGR																			
<b>Affected QGIS version:</b>	2.18.10	<b>Regression?:</b> Yes																		
<b>Operating System:</b>	Ubuntu 16.04 LTS	<b>Easy fix?:</b> No																		
<b>Pull Request or Patch applied:</b>	Yes	<b>Resolution:</b> fixed/implemented																		
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 24657																		
<b>Description</b>  Under QGIS master, adding (or pasting) a multi-part feature into a shapefile dataset fails. The feature is added, but the dataset can't be saved. <b>Steps to reproduce</b> <ol style="list-style-type: none"><li>1. Create a new shapefile, add it to an empty QGIS project</li><li>2. Switch the edit mode to on, and add a multi-part feature</li><li>3. Try to save the dataset, you'll be thrown the following error: "could not commit change to your layer {name}"</li></ol> This proposed PR, <a href="https://github.com/qgis/QGIS/pull/4782">https://github.com/qgis/QGIS/pull/4782</a> , fixes the above-mentioned regression.																				
<b>Related issues:</b> <table><tr><td>Related to QGIS Application - Bug report # 16784: Creation of MultiPolygon sh...</td><td>Closed</td><td>2017-07-03</td></tr><tr><td>Related to QGIS Application - Bug report # 16792: Fails to handle multipart f...</td><td>Closed</td><td>2017-07-05</td></tr><tr><td>Related to QGIS Application - Bug report # 16770: copy/paste/save features f...</td><td>Closed</td><td>2017-06-30</td></tr><tr><td>Related to QGIS Application - Bug report # 12488: Impossible to merge feature...</td><td>Closed</td><td>2015-04-01</td></tr><tr><td>Related to QGIS Application - Bug report # 10672: regression: impossible to p...</td><td>Closed</td><td>2014-06-23</td></tr><tr><td>Related to QGIS Application - Bug report # 10747: Cannot copy/paste points fe...</td><td>Closed</td><td>2014-06-28</td></tr></table>			Related to QGIS Application - Bug report # 16784: Creation of MultiPolygon sh...	Closed	2017-07-03	Related to QGIS Application - Bug report # 16792: Fails to handle multipart f...	Closed	2017-07-05	Related to QGIS Application - Bug report # 16770: copy/paste/save features f...	Closed	2017-06-30	Related to QGIS Application - Bug report # 12488: Impossible to merge feature...	Closed	2015-04-01	Related to QGIS Application - Bug report # 10672: regression: impossible to p...	Closed	2014-06-23	Related to QGIS Application - Bug report # 10747: Cannot copy/paste points fe...	Closed	2014-06-28
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#### Associated revisions

##### Revision d19ed1c6 - 2017-07-05 06:50 PM - Jürgen Fischer

Only convert geometries to provider type when provider does strict type checking (ie. not for shapes; fixes #16593, #16784, #16792, #16770, followup 53d90b547)

##### Revision ecae3c95 - 2017-07-05 07:08 PM - Jürgen Fischer

Only convert geometries to provider type when provider does strict type checking (ie. not for shapes; fixes #16593, #16784, #16792, #16770; followup 87116abd72; forward ported from d19ed1c6)

#### History

##### #1 - 2017-07-05 01:46 PM - Giovanni Manghi

- Affected QGIS version changed from master to 2.18.10

This affects also 2.18.10  
see #16784 and #16792

**#2 - 2017-07-05 01:58 PM - Giovanni Manghi**

likely to have caused also #16770

**#3 - 2017-07-05 06:22 PM - Jürgen Fischer**

- *Related to Bug report #16784: Creation of MultiPolygon shapefile with QgsVectorFileWriter added*

**#4 - 2017-07-05 06:23 PM - Jürgen Fischer**

- *Related to Bug report #16792: Fails to handle multipart features as shapefile geometry type after merging added*

**#5 - 2017-07-05 06:23 PM - Jürgen Fischer**

- *Related to Bug report #16770: copy/paste/save features from one layer to another of the same time broke in 2.18 added*

**#6 - 2017-07-05 06:47 PM - Jürgen Fischer**

- *Related to Bug report #12488: Impossible to merge features in a point shapefile added*

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

- *Related to Bug report #10672: regression: impossible to paste polygon into newly created shapefile added*

**#8 - 2017-07-05 06:47 PM - Jürgen Fischer**

- *Related to Bug report #10747: Cannot copy/paste points features added*

**#9 - 2017-07-15 01:00 AM - Giovanni Manghi**

- *Resolution set to fixed/implemented*

- *Status changed from Open to Closed*

closing this because PR has been merged and there was also a backport for 2.18. I anyway still see this problem at least with one specific point dataset and on Windows/master. See #16870-8