QGIS Application - Bug report #5224
'Merge selected features' tool creates invalid MULTIPOLYGON instead of POLYGON geometry

2012-03-23 05:10 AM - Ivan Mincik

Status:	Closed			
Priority:	Normal			
Assignee:				
Category:	Digitising			
Affected QGIS version:	master	**Regression?:**	No	
Operating System:		**Easy fix?:**	No	
Pull Request or Patch supplied:	No	**Resolution:**	end of life	
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	14960	

Description

In some cases, 'Merge selected feature' tool creates invalid MULTIPOLYGON instead of possible single POLYGON geometry.
This makes a problem in case, when layer supports only single POLYGON geometries. This problem can be avoided, when all nodes of one of the features are moved and returned back to the same place using 'Node tool' before merge.

Example data is attached. I also did test with merging the geometries using PostGIS - correct single polygon was returned.

```
SELECT
ST_GeometryType(
  ST_Union(
    ST_GeomFromText('POLYGON)'),
    ST_GeomFromText('POLYGON)')
  )
)
    st_geometrytype
    ----------------
    ST_Polygon
    (1 row)
```

Qgis: latest release-1_7 branch
OS: Debian Squeeze
Geos: 3.2.0-1

History

#1 - 2012-04-16 06:32 AM - Paolo Cavallini

- Target version changed from Version 1.7.4 to Version 1.8.0

#2 - 2012-09-04 11:53 AM - Paolo Cavallini

- Target version changed from Version 1.8.0 to Version 2.0.0

#3 - 2013-01-11 11:55 PM - Nathan Woodrow

- Assignee deleted (Nathan Woodrow)

#4 - 2014-06-28 07:41 AM - Jürgen Fischer

- Target version changed from Version 2.0.0 to Future Release - Lower Priority

#5 - 2017-05-01 01:09 AM - Giovanni Manghi

- Regression? set to No

- Easy fix? set to No

#6 - 2019-03-09 04:04 PM - Giovanni Manghi

- Resolution set to end of life

- Status changed from Open to Closed

End of life notice: QGIS 2.18 LTR

Source:

http://blog.qgis.org/2019/03/09/end-of-life-notice-qgis-2-18-ltr/

Files

qgis-merge.zip	1.91 KB	2012-03-23	Ivan Mincik