

QGIS Application - Bug report #9138

QgsGeometry.convertToMultiType() fails

2013-11-28 01:32 PM - Paolo Corti

Status: Closed	
Priority: Normal	
Assignee: Marco Hugentobler	
Category: Vectors	
Affected QGIS version: 2.0.1	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied:	Resolution:
Crashes QGIS or corrupts data:	Copied to github as #: 17773

Description

I have a strange behavior with the `QgsGeometry.convertToMultiType()` method here: it looks like the method is always failing the first time, but getting success the second time is run:

```
In [1]: from qgis.core import *
```

```
In [2]: wkt = 'POLYGON(((2283519.55884151300415397
4679066.13715541176497936,2283544.75336170010268688
4679033.60118563380092382,2283525.45749358925968409
4679011.69776777736842632,2283506.92586500011384487
4679037.65943400003015995,2283487.47002476220950484
4679065.54728745669126511,2283519.55884151300415397
4679066.13715541176497936)))'
```

```
In [3]: polygon = QgsGeometry.fromWkt(wkt)
```

```
In [4]: polygon.convertToMultiType()
```

```
Out4: False
```

```
In [5]: print polygon.exportToWkt()
```

```
POLYGON(((2283519.55884151300415397
4679066.13715541176497936,2283544.75336170010268688
4679033.60118563380092382,2283525.45749358925968409
4679011.69776777736842632,2283506.92586500011384487
4679037.65943400003015995,2283487.47002476220950484
4679065.54728745669126511,2283519.55884151300415397
4679066.13715541176497936)))
```

```
In [6]: polygon.convertToMultiType()
```

```
Out6: True
```

```
In [7]: print polygon.exportToWkt()
```

```
MULTIPOLYGON((((2283519.55884151300415397
4679066.13715541176497936,2283544.75336170010268688
4679033.60118563380092382,2283525.45749358925968409
4679011.69776777736842632,2283506.92586500011384487
4679037.65943400003015995,2283487.47002476220950484
4679065.54728745669126511,2283519.55884151300415397
4679066.13715541176497936))))
```

Associated revisions

Revision 57d124b9 - 2013-11-29 08:50 AM - Denis Rouzaud

fix #9138

Revision 63c62adf - 2013-12-05 05:18 PM - Marco Hugentobler

Merge pull request #1014 from 3nids/issue9138

fix #9138

History

#1 - 2013-11-28 11:52 PM - Denis Rouzaud

<https://github.com/qgis/QGIS/pull/1014>

#2 - 2013-11-29 12:58 AM - Denis Rouzaud

- *Target version set to Future Release - High Priority*
- *Assignee set to Marco Hugentobler*
- *Status changed from Open to In Progress*
- *Category set to Vectors*

#3 - 2013-12-05 08:18 AM - Marco Hugentobler

- *Status changed from In Progress to Closed*

Fixed in changeset commit:"63c62adf213a9f1b1ba9cc07d4d7ae904e392503".