

## QGIS Application - Feature request #15905

### QgsGeometryAnalyzer, buffer: Allow specification of segments

2016-11-29 02:47 AM - Håvard Tveite

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Geometry	
<b>Pull Request or Patch Supplied:</b>	<b>Resolution:</b> wontfix
<b>Easy fix?:</b> No	<b>Copied to github as #:</b> 23822

#### Description

For the QgsGeometryAnalyzer buffer function, it would be useful to be able to specify the number of segments (for approximating arcs). Number of segments is the second parameter to the QgsGeometry buffer function (that is used by QgsGeometryAnalyzer bufferFeature that is in turn used by QgsGeometryAnalyzer buffer). Current behaviour is to always use 5 for the segment parameter of QgsGeometry buffer.

It seems as if not many changes would need to be made in the code.

QgsGeometryAnalyzer::bufferFeature would need a new parameter ("segments"), and in the line

```
bufferGeometry = featureGeometry.buffer( currentBufferDistance, 5 );
```

"5" would have to be changed to "segments".

QgsGeometryAnalyzer::buffer would also need a new parameter ("segments"), and in the two lines

```
bufferFeature( currentFeature, processedFeatures, &vWriter, dissolve, dissolveGeometry, bufferDistance, bufferDistanceField );
```

the "segments" parameter would need to be added.

If the new "segments" parameter is optional and added as the last one, existing applications should not be affected.

If there is interest, I can try to create a pull request on github, but I guess there may be more to do then just what I have suggested above...

#### History

##### #1 - 2017-03-24 09:46 AM - Håvard Tveite

Pull request: <https://github.com/qgis/QGIS/pull/4302>

##### #2 - 2017-05-01 12:44 AM - Giovanni Manghi

- Easy fix? set to No

##### #3 - 2017-05-11 05:53 PM - Håvard Tveite

If my pull request does not fix this, it would be nice if someone could explain what the problem is.

**#4 - 2017-05-11 07:46 PM - Giovanni Manghi**

- *Pull Request or Patch supplied changed from No to Yes*

- *Description updated*

Try raise the problem directly in the PR or in the dev mailing list, thanks!

**#5 - 2017-05-12 09:42 AM - Håvard Tveite**

Thanks. I have tried the dev list.

**#6 - 2017-05-23 01:06 PM - Alexander Bruy**

This is not necessary/useful with upcoming Processing refactoring.

**#7 - 2017-11-28 07:53 AM - Alexander Bruy**

- *Status changed from Open to Closed*

QgsGeometryAnalyzer was removed from analysis lib

**#8 - 2017-11-30 04:35 AM - Giovanni Manghi**

- *Resolution set to wontfix*