

QGIS Application - Bug report #19190

QgsPoint class does not store empty point geometries

2018-06-14 05:36 AM - Philip Whitten

Status:	Open	
Priority:	Normal	
Assignee:		
Category:	Geometry	
Affected QGIS version:	3.5(master)	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 27019
Description		
The QgsPoint class does not properly store empty point geometries. For example, from the python console in QGIS 3.0.3: <pre>> QgsPoint().isEmpty() False > print(QgsPoint().asWkt()) Point (0 0) > print(QgsPoint().createEmptyWithSameType().asWkt()) Point (nan nan)</pre> In comparison, for a LineString: <pre>> QgsLineString().isEmpty() True > print(QgsLineString().asWkt()) LineString ()</pre> The results observed for LineString are consistent with those for QgsPolygon and QgsGeometryCollection.		

History

#1 - 2018-12-24 09:43 AM - Alexander Bruy

- Operating System deleted (Windows)
- Category changed from Processing/QGIS to Geometry

#2 - 2019-01-29 09:29 AM - Loïc BARTOLETTI

- Affected QGIS version changed from 3.0.3 to 3.5(master)
- Assignee deleted (Philip Whitten)

related issue #20753