QGIS Application - Bug report #16217
fromWkt should accept any whitespace

2017-02-21 02:46 PM - Mike Taves

Status:	Closed		
Priority:	Normal		
Assignee:			
Category:	Unknown		
Affected QGIS version:	2.18.3	**Regression?:**	No
Operating System:	Windows	**Easy fix?:**	No
Pull Request or Patch supplied:		**Resolution:**	
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	24127

Description

This bug was discovered with the QuickWKT plug-in with copy/paste from Excel, which uses tabs delimiters when pasting into a text window. For example, "POINT (180398   5459331)", where the whitespace in between the two values is a tab character, is considered by the QGIS WKT parser as invalid (it is not).

From a QGIS Python console:

```
# With space, there are no problems
geom = QgsGeometry.fromWkt("POINT (180398 5459331)")
print(geom is not None)  # True
# With tab, it does not read the WKT
geom = QgsGeometry.fromWkt("POINT (180398\\t5459331)")
print(geom is not None)  # False
```

Most other WKT parsers (PostGIS, GEOS, etc.) are more relaxed, and handle any whitespace without issue

(E.g. "SELECT ST_AsEWKT(E'SRID = 123;\
\
 POINT\
 (1\\t\
 3)'::geometry);" works)

Associated revisions

Revision b29a8d0c - 2017-02-23 02:02 AM - Nyall Dawson

Accept any whitespace delimiters when parsing WKT (fix #16217)

Revision 5bbdb1f1 - 2017-02-23 02:26 AM - Nyall Dawson

Merge pull request #4178 from nyalldawson/fix_16217

Accept any whitespace delimiters when parsing WKT (fix #16217)

History

#1 - 2017-02-22 05:20 PM - Nyall Dawson

- Status changed from Open to Closed

Fixed in changeset commit:"5bbdb1f1c3d07391040b11e7be3b08fe8def0d4c".

#2 - 2017-09-22 09:53 AM - Jürgen Fischer

- Category set to Unknown

- Status changed from Open to Closed

Fixed in changeset commit:"5bbdb1f1c3d07391040b11e7be3b08fe8def0d4c".