# QGIS Application - Bug report #12813
# Node tool on PostGIS table with null geometry causes crash

2015-05-22 10:29 AM - Simon Casley

| | | | |
|---|---|---|---|
| **Status:** | Closed | | |
| **Priority:** | High | | |
| **Assignee:** | | | |
| **Category:** | Digitising | | |
| **Affected QGIS version:** | master | **Regression?:** | No |
| **Operating System:** | | **Easy fix?:** | No |
| **Pull Request or Patch supplied:** | No | **Resolution:** | worksforme |
| **Crashes QGIS or corrupts data:** | Yes | **Copied to github as #:** | 20909 |

**Description**

Hi,

When using the node tool to edit features from a PostGIS table, I was getting an 'Unknown Exception' error whenever I tried to move a node or add a new one. I'm then unable to display nodes on this layer – clicking on a feature brings up the message "Node tool: could not snap to a segment on the current layer". QGIS then crashes when I try to remove that layer, open a new project, or close QGIS.

Looks like it only happens on PostGIS layers that contain a feature with null geometry. Node tool works fine on the same data as a shapefile.

I could edit the same PostGIS layer without any issue in 2.6.

Cheers
Simon

## History

**#1 - 2015-05-22 10:37 AM - Giovanni Manghi**

*- Category set to Digitising*

*- Status changed from Open to Feedback*

could you please qgis master and report back?

**#2 - 2015-05-25 01:23 PM - Simon Casley**

I've just tried it on 2.9.0-Master (on Windows) 32 and 64 bit versions, and I get the same error.

Also, noticed that the extents of the layer shown in Metadata are initially: xMin,yMin 574694.62,474760.06 : xMax,yMax 1344737.38,926735.31, but after clicking 'Update extents', they become: xMin,yMin
-1797693134862315708145274237317043567980705675258449965989174768031572607800285387605895586327668781715404589535143824642343213
4234321326889464182768467546703537516986049910576551282076245490090389328944075868508455133942304583236903222948165808559332123
9332123348274797826204144723168738177180919299881250404026184124858368.00,-1797693134862315708145274237317043567980705675258449965
2584499659891747680315726078002853876058955863276687817154045895351438246423432132688946418276846754670353751698604991057655128
7655128207624549009038932894407586850845513394230458323690322294816580855933212334827479782620414472316873817718091929988125040
8125040402618412485836 8.00 : xMax,yMax
1797693134862315708145274237317043567980705675258449965989174768031572607800285387605895586327668781715404589535143824642343213
2343213268894641827684675467035375169860499105765512820762454900903893289440758685084551339423045832369032229481658085593321233
3321233482747978262041447231687381771809192998812504040261841248583 68.00,1797693134862315708145274237317043567980705675258449965

8449965989174768031572607800285387605895586327668781715404589535143824642343213268894641827684675467035375169860499105765512820
5512820762454900903893289440758685084551339423045832369032229481658085593321233482747978262041447231687381771809192998812504040
25040402618412485836 8.00

Cheers
Simon

**#3 - 2015-05-26 12:07 PM - Giovanni Manghi**
*- Affected QGIS version changed from 2.8.2 to master*

please provide sample data.

**#4 - 2015-05-29 10:27 AM - Simon Casley**
*- File stream_ln.backup added*
*- File stream_ln.zip added*

Hi - here are sample data: a (sql) dump from postgresql and the same data saved as a shapefile. There is one feature (objectid 641) which has empty geometry.
I'm using postgresql 9.1.15, postgis 2.0
Thanks!

**#5 - 2015-05-29 10:44 PM - Giovanni Manghi**

Simon Casley wrote:

> *Hi - here are sample data: a (sql) dump from postgresql a*

no crash whatsoever here on qgis master, pg 9.3 postgis 2.1

**#6 - 2015-06-14 12:40 AM - Giovanni Manghi**

Simon Casley wrote:

> *Hi - here are sample data: a (sql) dump from postgresql and the same data saved as a shapefile. There is one feature (objectid 641) which has empty geometry.*
> *I'm using postgresql 9.1.15, postgis 2.0*
> *Thanks!*

I cannot replicate this on multiple systems and qgis/postgis versions. I would appreciate if you could test on other systems, so we can exclude that is a local issue (as it is likely to be).

**#7 - 2015-12-19 10:30 AM - Giovanni Manghi**
*- Resolution set to worksforme*
*- Status changed from Feedback to Closed*

closing for lack of feedback.

### Files

| | | | |
|---|---|---|---|
| stream_ln.backup | 145 KB | 2015-05-29 | Simon Casley |
| stream_ln.zip | 40.6 KB | 2015-05-29 | Simon Casley |