

## QGIS Application - Bug report #14182

### Geometry.fromWkb crashes on unexpected/malformed WKB

2016-01-27 07:26 AM - Sandro Santilli

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> Jürgen Fischer	
<b>Category:</b> Geometry	
<b>Affected QGIS version:</b> master	<b>Regression?:</b> No
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b> No	<b>Resolution:</b> fixed/implemented
<b>Crashes QGIS or corrupts data:</b> Yes	<b>Copied to github as #:</b> 22184
<b>Description</b>	
Testcase can be found on <a href="https://github.com/qgis/QGIS/pull/2722">https://github.com/qgis/QGIS/pull/2722</a>	
This is a spin-off of ticket #12416	
Last tested on commit:d80a632bd8a9033bffa17295c7c6bd3d49c232b5	

#### History

##### #1 - 2016-02-01 03:09 AM - Sandro Santilli

The test in PR <https://github.com/qgis/QGIS/pull/2722> was bogus, I'm working on another test, but it isn't easy to predict whether or not a segfault would happen.

Valgrind reports are clear on the matter, though.

##### #2 - 2016-02-01 03:20 AM - Sandro Santilli

So the new test is in <https://github.com/qgis/QGIS/pull/2751>.

Main problem is that parsing does NOT happen upfront but only when needed, so it takes forcing a call like "exportToWkt" to trigger memory errors.

I don't know if different code paths trigger different WKB parsing, which would be very hard to debug.

##### #3 - 2016-02-01 03:34 AM - Sandro Santilli

- Tag set to WKB

##### #4 - 2016-02-01 07:36 AM - Sandro Santilli

- Assignee changed from Sandro Santilli to Jürgen Fischer

Reassigning to Jurgen as he's championing <https://github.com/qgis/QGIS/pull/2748> which provides a fix for this and a few more bugs.

##### #5 - 2016-02-02 12:57 AM - Sandro Santilli

- Category set to Geometry

##### #6 - 2016-02-10 02:26 AM - Sandro Santilli

- Resolution set to fixed/implemented

- Status changed from In Progress to Closed

- % Done changed from 0 to 100

fixed by commit:b9726d7285733c27d42456c115e28d5a37f3e0be