

## QGIS Application - Bug report #7612

### Crash with 'Save as..' option

2013-04-14 07:18 AM - Pedro Venâncio

<b>Status:</b>	Closed	
<b>Priority:</b>	Severe/Regression	
<b>Assignee:</b>		
<b>Category:</b>	Vectors	
<b>Affected QGIS version:</b>	master	<b>Regression?:</b> No
<b>Operating System:</b>	Xubuntu	<b>Easy fix?:</b> No
<b>Pull Request or Patch applied:</b>	No	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>	Yes	<b>Copied to github as #:</b> 16540
<b>Description</b>		
<p>I have been attempt to find the source of this problem a few days ago, but still could not quite understand what is the origin. The only pattern I find is that always happens with fields of type "Real" with Precision greater than 0.</p> <p>I attached a shapefile of test.</p> <p>To reproduce the error, open the shape, make Save as... (Save vector layer as...) and try to save. With this procedure, QGIS crashes with a Segmentation fault (core dumped).</p> <p>The problem is with the field "m2". But I can not understand what is wrong in this field that may be causing the problem. This happens to me with many type of layers, including PostGIS, SpatiaLite or Shapefile layers.</p> <p>With exactly the same layers, QGIS 1.8 works fine, without any error. So I think it is a regression.</p>		

#### History

##### #1 - 2013-04-14 01:46 PM - Pedro Venâncio

- File *crash.zip* added

I'm almost 100% sure that this problem is caused by the Lecos Plugin (v1.7.2). With this plugin disabled, the 'Save as' works without problems.

Anyone confirm?

##### #2 - 2013-04-15 03:20 AM - Martin Jung

- File *test.zip* added

With your Shape -> Confirmed.

With other different shapes -> Not confirmed (see the attached example polygon and point shapes, which work at least for me without issues)

As the plugins author i don't really see what i can do as the "save as" function is an internal c++ function of QGIS and at least to my understanding those functions shouldn't be affected by plugin python code.

At least i have no idea how to fix this kind of error... :(

System: Debian Wheezy - QGIS dev

##### #3 - 2013-04-15 09:38 AM - Pedro Venâncio

Hi Martin,

This crash does not occur with all layers, but occurs in a large set of tests that I did.

Honestly, I also can not understand how a plugin can cause this type of problem, but the truth is that the crash occurs with LecoS active and disappears with its deactivation.

Thanks!

**#4 - 2013-04-17 02:54 PM - Martin Jung**

Hey,

i just tested your shapefile on Windows using both QGIS 1.8 Lisboa and QGIS dev. "Saving" your layer results in a crash for both stable and development.

In your bug report you mentioned that it worked for you on your QGIS 1.8 stable.

Can you please provide the details (library versions -> make screenshot of the QGIS about dialog) of your QGIS 1.8 version?

I have no idea what the reason for this error is, but i assume that it has something to do with gdal or ogr.

**#5 - 2013-04-17 04:20 PM - Pedro Venâncio**

Hi Martin,

The reason to not crash in version 1.8 is because I do not have the LecoS plugin installed there.

**#6 - 2013-04-19 10:20 AM - Martin Jung**

- % Done changed from 0 to 100

Hurray,

i got it fixed! Or at least your example point shape isn't causing QGIS to crash anymore while LecoS is activated.

I tried multiple random things and finally found the reason. It appears to be the call of `gdal.UseExceptions()` and/or `ogr.UseExceptions()`

I will soon upload a bug fix where those lines are commented in every script.

About the real Reason:

Maybe it is a bug with the gdal/ogr python libraries.

**#7 - 2013-04-28 11:42 AM - Pedro Venâncio**

- Status changed from Open to Closed

Hi Martin,

It's fixed!

Thank you very much!!

Files

crash.zip	9.97 KB	2013-04-14	Pedro Venâncio
test.zip	3.67 KB	2013-04-15	Martin Jung