

QGIS Application - Bug report #550

always crashes after pressing the right mouse button in GRASS Edit, with most tools

2007-01-25 02:18 AM - Redmine Admin

Status: Closed	
Priority: Low	
Assignee: Redmine Admin	
Category: GRASS	
Affected QGIS version:	Regression?: No
Operating System: Debian	Easy fix?: No
Pull Request or Patch supplied:	Resolution: fixed
Crashes QGIS or corrupts data:	Copied to github as #: 10609

Description

1. add a GRASS vector
2. open it in GRASS Edit
3. select one of the tools:

Move vertex

Add vertex

Delete vertex

Move element

Split line

Delete element

3. press right mouse button on the canvas - segfault:

```
[[QgsGrassEdit]]::setCanvasPropmt
mProjectionEnabled = 0
error_routine (fatal = 1): Vect_read_line(): line '0' is not reasonable (max line in map: 1281)
```

Program received signal SIGSEGV, Segmentation fault.

[Switching to Thread -1242368320 (LWP 8392)]

```
0xb53cf0fe in V2_read_line_nat ()
    from /usr/local/grass-6.3.cvs/lib/libgrass_vect.so
(gdb) bt
#0 0xb53cf0fe in V2_read_line_nat ()
    from /usr/local/grass-6.3.cvs/lib/libgrass_vect.so
#3905 0xb53cec12 in Vect_read_line ()
    from /usr/local/grass-6.3.cvs/lib/libgrass_vect.so
#3906 0xb4dc9e3b in [[QgsGrassProvider]]::readLine ()
    from /usr/local/qgis08/lib/libqgisgrass.so.1
#3907 0xb4e346da in [[QgsGrassEdit]]::displayElement ()
    from /usr/local/qgis08/lib/qgis/grassplugin.so
#3908 0xb4e4922a in [[QgsGrassEditMoveVertex]]::mouseClick ()
    from /usr/local/qgis08/lib/qgis/grassplugin.so
```

```
#3909 0xb4e47d82 in [[QgsGrassEditTool]]::canvasPressEvent ()
  from /usr/local/qgis08/lib/qgis/grassplugin.so
#3910 0xb6845d89 in [[QgsMapCanvas]]::contentsMouseEvent ()
  from /usr/local/qgis08/lib/libqgis_gui.so.1
#3911 0xb7b29e0b in Q3ScrollView::viewportMouseEvent (this=0x81d71e8,
  e=0xbff3d98c) at widgets/q3scrollview.cpp:1721
#3912 0xb7b2a7d9 in Q3ScrollView::eventFilter (this=0x81d71e8, obj=0x81e7b80,
  e=0xbff3d98c) at widgets/q3scrollview.cpp:1471
#3913 0xb73ec731 in QApplicationPrivate::notify_helper (this=0x80661a8,
  receiver=0x81e7b80, e=0xbff3d98c) at kernel/qapplication.cpp:3426
#10 0xb73efecc in QApplication::notify (this=0xbff3e088, receiver=0x81e7b80,
  e=0xbff3d98c) at kernel/qapplication.cpp:3133
#3914 0xb7449bcf in QETWidget::translateMouseEvent (this=0x81e7b80,
  event=0xbff3dc8c) at qcoreapplication.h:186
#3915 0xb74494c2 in QApplication::x11ProcessEvent (this=0xbff3e088,
  event=0xbff3dc8c) at kernel/qapplication_x11.cpp:2764
#3916 0xb746ce72 in x11EventSourceDispatch (s=0x8086450, callback=0,
  user_data=0x0) at kernel/qguieventdispatcher_glib.cpp:122
#3917 0xb64458d6 in g_main_context_dispatch () from /usr/lib/libglib-2.0.so.0
#3918 0xb64448996 in g_main_context_check () from /usr/lib/libglib-2.0.so.0
#3919 0xb64448e1e in g_main_context_iteration () from /usr/lib/libglib-2.0.so.0
#3920 0xb7ddd4ba in QEventDispatcherGlib::processEvents (this=0x8084b90,
  flags=@0xbff3de98) at kernel/qeventdispatcher_glib.cpp:363
#3921 0xb746cb9b in QGuiEventDispatcherGlib::processEvents (this=0x8084b90,
  flags=@0x8500e1a) at kernel/qguieventdispatcher_glib.cpp:178
#3922 0xb7db80bd in QEventLoop::processEvents (this=0x8518668, flags=@0x8518668)
  at kernel/qeventloop.cpp:126
#3923 0xb7db8238 in QEventLoop::exec (this=0xbff3df40, flags=@0xbff3df48)
  at kernel/qeventloop.cpp:172
#3924 0xb7dbaadd in QCoreApplication::exec () at kernel/qcoreapplication.cpp:727
#3925 0xb73ec269 in QApplication::exec () at kernel/qapplication.cpp:2927
#3926 0x0804bf2f in main ()
```

BTW: I suggest that the right mouse button always de-selects the active tool. Currently, when "New point" or "New centroid" tool is used, right-click acts same as the left-click (digitises a new feature). Also, when the GRASS Edit starts, no tool should be active - currently "New point" is always active at a start.

Maciek

History

#1 - 2007-01-25 02:20 AM - Redmine Admin

P.S.

Using 0.8 SVN 6453.

#2 - 2007-02-25 07:17 PM - Tim Sutton

Moved to milestone 0.8.2 since we wont be fixing any further issues before the 0.8.1 release

#3 - 2007-04-09 01:56 PM - Redmine Admin

I can't reproduce it with 0.8.1 (latest svn Release_0_8_0 branch). Right button does nothing. No crash, no error message.

#4 - 2007-04-10 10:01 AM - Maciej Sieczka -

- Resolution set to worksforme
- Status changed from Open to Closed

Replying to [comment:5 lubaby]:

*I can't reproduce it with 0.8.1 (latest svn Release_0_8_0 branch). Right button does nothing.
No crash, no error message.*

I confirm. The crash is gone. I'll close the ticket. If the problem returns I'll re-open it. Thanks for the heads-up!

However the defect that right click digitizes point or centroid is still valid. I'll submit it in a separate ticket.

#5 - 2007-06-25 10:01 AM - Maciej Sieczka -

- Resolution deleted (worksforme)
- Status changed from Closed to Feedback

The bug is back. No segfault, but QGIS 0.8.2 svn 7045 crashes when I do the following:

1. add the any GRASS vector (eg. "archsites" from spearfish60 dataset r1)
2. open it in GRASS Edit
3. select one of the tools:

Move vertex
Add vertex
Delete vertex
Move element
Split line
Delete element

3. press right mouse button on the canvas - crash, no segfault:

```
$ gdb /usr/local/qgis08/bin/qgis
```

```
(gdb) run
```

```
Starting program: /usr/local/qgis08/bin/qgis
```

```
(no debugging symbols found)
```

```
(no debugging symbols found)
```

```
(no debugging symbols found)
```

```
(no debugging symbols found)
```

```
[Thread debugging using libthread_db enabled]
```

```
[New Thread -1259514176 (LWP 30022)]
```

```
warning: Lowest section in /usr/lib/libicudata.so.34 is .hash at 00000094
[New Thread -1262711888 (LWP 30221)]
[New Thread -1271501904 (LWP 30224)]
[Thread -1271501904 (LWP 30224) exited]
[New Thread -1279894608 (LWP 30225)]
[Thread -1279894608 (LWP 30225) exited]
[[QgsGrass]]::vectors()
Warning: [[QgsSpatialRefSys]]::createFromSrsId failed : select
srs_id,description,projection_acronym,ellipsoid_acronym,parameters,srid,epsg,is_geo from tbl_srs where srs_id='0'
Warning: QPainter::begin: Painter already active
Warning: QPainter::begin: Painter already active
mProjectionEnabled = 0
[[QgsGrassEdit]]::setCanvasPropmt
mProjectionEnabled = 0
[[QgsGrassEdit]]::setCanvasPropmt
mProjectionEnabled = 0
error_routine (fatal = 1): Vect_read_line(): line '0' is not reasonable (max line in map: 25)

Program exited with code 01.
```

r1[<http://grass.itc.it/download/data6.php>]

#6 - 2007-11-06 04:54 PM - Martin Dobias

- *Resolution set to fixed*

- *Status changed from Feedback to Closed*

Fixed in commit:8eb037cc (SVN r7344), also with usability suggestions.

#7 - 2009-08-22 12:52 AM - Anonymous

Milestone Version 0.8.2 deleted