

QGIS Application - Bug report #1241
SPIT & Identify Features crashes

2008-08-22 08:04 AM - Maciej Sieczka -

Status:	Closed	
Priority:	Low	
Assignee:	nobody -	
Category:	Vectors	
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 #: 11301

Description

After the recent changes to Postgres stuff QGIS (r9120) crashes when using SPIT. The crash seems to originate in '/usr/lib/libQtCore.so.4'. Can QGIS do anything about it or is it all due to some QT bug?

[[PostgreSQL]] 8.2.7, [[PostGIS]] 1.3.3, QT 4.4.0 (all stock repository packages) on Debian testing amd64.

Sample shapefile attached.

1. start SPIT
2. connect to database
3. select public schema
4. select shapefile
5. OK - crash:

Program received signal SIGSEGV, Segmentation fault.
[Switching to Thread 0x7f32afb7a7a0 (LWP 13164)]
0x00007f32aeff852c in ?? () from /usr/lib/libQtCore.so.4
(gdb) bt
#0 0x00007f32aeff852c in ?? () from /usr/lib/libQtCore.so.4
#3905 0x00007f32aeff892d in QString::arg () from /usr/lib/libQtCore.so.4
#3906 0x00007f329b0bbeeb in [[QgsShapeFile]]::insertLayer (this=0x1fe99d0, dbname=
{static null = {<No data fields>}, static shared_null = {ref = {_q_value = 2628}, alloc = 0, size = 0, data = 0x9537ba, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, static shared_empty = {ref = {_q_value = 53}, alloc = 0, size = 0, data = 0x7f32af38685a, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, d = 0x7fffb7cb3e80, static codecForCStrings = 0x0}, schema=
{static null = {<No data fields>}, static shared_null = {ref = {_q_value = 2628}, alloc = 0, size = 0, data = 0x9537ba, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, static shared_empty = {ref = {_q_value = 53}, alloc = 0, size = 0, data = 0x7f32af38685a, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, d = 0x7fffb7cb3e70, static codecForCStrings = 0x0}, primary_key=
{static null = {<No data fields>}, static shared_null = {ref = {_q_value = 2628}, alloc = 0, size = 0, data = 0x9537ba, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, static shared_empty = {ref = {_q_value = 53}, alloc = 0, size = 0, data = 0x7f32af38685a, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, d = 0x7fffb7cb3e60, static codecForCStrings = 0x0}, geom_col=
{static null = {<No data fields>}, static shared_null = {ref = {_q_value = 2628}, alloc = 0, size = 0, data = 0x9537ba, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, static shared_empty = {ref = {_q_value = 53}, alloc = 0, size = 0, data = 0x7f32af38685a, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved =

```

0, array = {0}}, d = 0x7fffb7cb3e50, static codecForCStrings = 0x0}, srid=
{static null = {<No data fields>}, static shared_null = {ref = {_q_value = 2628}, alloc = 0, size = 0, data = 0x9537ba, clean = 0,
simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, static shared_empty = {ref = {_q_value =
53}, alloc = 0, size = 0, data = 0x7f32af38685a, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved =
0, array = {0}}, d = 0x7fffb7cb3e40, static codecForCStrings = 0x0}, conn=0x1ed43b0, pro=@0x7fffb7cb2ef0,
fin=@0x7fffb7cb306f,
    errorText=@0x7fffb7cb2fd0) at /home/shoofi/src/straight/qgis-trunk/src/plugins/spit/qgsshapefile.cpp:283
#3907 0x00007f329b0a59a6 in [[QgsSpit]]::import (this=0x1e8bca0) at
/home/shoofi/src/straight/qgis-trunk/src/plugins/spit/qgsspit.cpp:771
#3908 0x00007f329b0c2f49 in [[QgsSpit]]::on_buttonBox_accepted (this=0x1e8bca0) at
/home/shoofi/src/straight/qgis-trunk/build/src/plugins/spit/././././src/plugins/spit/qgsspit.h:84
#3909 0x00007f329b0c2caf in [[QgsSpit]]::qt_metacall (this=0x1e8bca0, _c=QMetaObject::InvokeMetaMethod, _id=4,
_a=0x7fffb7cb4220)
    at /home/shoofi/src/straight/qgis-trunk/build/src/plugins/spit/moc_qgsspit.cxx:90
#3910 0x00007f32af0b3764 in QMetaObject::activate () from /usr/lib/libQtCore.so.4
#3911 0x00007f32ae902221 in QDialogButtonBox::qt_metacall () from /usr/lib/libQtGui.so.4
#3912 0x00007f32af0b3764 in QMetaObject::activate () from /usr/lib/libQtCore.so.4
#3913 0x00007f32aeb4c6e7 in QAbstractButton::clicked () from /usr/lib/libQtGui.so.4
#10 0x00007f32ae8d253b in ?? () from /usr/lib/libQtGui.so.4
#3914 0x00007f32ae8d4082 in ?? () from /usr/lib/libQtGui.so.4
#3915 0x00007f32ae8d42d5 in QAbstractButton::mousePressEvent () from /usr/lib/libQtGui.so.4
#3916 0x00007f32ae6203af in QWidget::event () from /usr/lib/libQtGui.so.4
#3917 0x00007f32ae5cde5d in QApplicationPrivate::notify_helper () from /usr/lib/libQtGui.so.4
#3918 0x00007f32ae5d639a in QApplication::notify () from /usr/lib/libQtGui.so.4
#3919 0x00007f32af09f411 in QCoreApplication::notifyInternal () from /usr/lib/libQtCore.so.4
#3920 0x00007f32ae5d5738 in QApplicationPrivate::sendMouseEvent () from /usr/lib/libQtGui.so.4
#3921 0x00007f32ae639719 in ?? () from /usr/lib/libQtGui.so.4
#3922 0x00007f32ae6385ef in QApplication::x11ProcessEvent () from /usr/lib/libQtGui.so.4
#3923 0x00007f32ae65f9cc in ?? () from /usr/lib/libQtGui.so.4
#3924 0x00007f32ab168892 in g_main_context_dispatch () from /usr/lib/libglib-2.0.so.0
#3925 0x00007f32ab16c01d in ?? () from /usr/lib/libglib-2.0.so.0
#3926 0x00007f32ab16c1db in g_main_context_iteration () from /usr/lib/libglib-2.0.so.0
#3927 0x00007f32af0c783f in QEventDispatcherGlib::processEvents () from /usr/lib/libQtCore.so.4
#3928 0x00007f32ae65f16f in ?? () from /usr/lib/libQtGui.so.4
#3929 0x00007f32af09dd22 in QEventLoop::processEvents () from /usr/lib/libQtCore.so.4
#3930 0x00007f32af09dead in QEventLoop::exec () from /usr/lib/libQtCore.so.4
#3931 0x00007f32af0a037d in QCoreApplication::exec () from /usr/lib/libQtCore.so.4
#3932 0x00000000004bc63a in main (argc=1, argv=0x7fffb7cb6108) at
/home/shoofi/src/straight/qgis-trunk/src/app/main.cpp:684
(gdb)

```

History

#1 - 2008-08-22 09:52 AM - John Tull

I just tested on my system and was able to add a shapefile to my postgis. Tried with your sample file and it also worked. OS X 10.5.4, Qt4.4.1, postgis 1.3.3. Using revision 9120 of qgis.

#2 - 2008-08-26 04:12 AM - Jürgen Fischer

not reproducible here either, but I fixed a spit bug in commit:c05bfb54 (SVN r9169). Does that help here too?

Replying to [comment:2 jef]:

| *not reproducible here either, but I fixed a spit bug in commit:c05bfb54 (SVN r9169). Does that help here too?*

Nope. Still crashes in commit:8520ec52 (SVN r9174). The backtrace slightly changed:

Program received signal SIGSEGV, Segmentation fault.

[Switching to Thread 0x7f901a5847a0 (LWP 24529)]

0x00007f90199b152c in ?? () from /usr/lib/libQtCore.so.4

(gdb) bt

#0 0x00007f90199b152c in ?? () from /usr/lib/libQtCore.so.4

#3905 0x00007f90199b192d in QString::arg () from /usr/lib/libQtCore.so.4

#3906 0x00007f9005809dcb in [[QgsShapeFile]]::insertLayer (this=0x3144440, dbname=
{static null = {<No data fields>}, static shared_null = {ref = {_q_value = 3117}, alloc = 0, size = 0, data = 0x92f33a, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, static shared_empty = {ref = {_q_value = 53}, alloc = 0, size = 0, data = 0x7f9019d3f85a, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, d = 0x7fff226bb720, static codecForCStrings = 0x0}, schema=

{static null = {<No data fields>}, static shared_null = {ref = {_q_value = 3117}, alloc = 0, size = 0, data = 0x92f33a, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, static shared_empty = {ref = {_q_value = 53}, alloc = 0, size = 0, data = 0x7f9019d3f85a, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, d = 0x7fff226bb710, static codecForCStrings = 0x0},

primary_key=

{static null = {<No data fields>}, static shared_null = {ref = {_q_value = 3117}, alloc = 0, size = 0, data = 0x92f33a, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, static shared_empty = {ref = {_q_value = 53}, alloc = 0, size = 0, data = 0x7f9019d3f85a, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, d = 0x7fff226bb700, static codecForCStrings = 0x0},

geom_col=

{static null = {<No data fields>}, static shared_null = {ref = {_q_value = 3117}, alloc = 0, size = 0, data = 0x92f33a, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, static shared_empty = {ref = {_q_value = 53}, alloc = 0, size = 0, data = 0x7f9019d3f85a, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, d = 0x7fff226bb6f0, static codecForCStrings = 0x0}, srid=

{static null = {<No data fields>}, static shared_null = {ref = {_q_value = 3117}, alloc = 0, size = 0, data = 0x92f33a, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, static shared_empty = {ref = {_q_value = 53}, alloc = 0, size = 0, data = 0x7f9019d3f85a, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, d = 0x7fff226bb6e0, static codecForCStrings = 0x0},

conn=0x3ee7ce0, pro=@0x7fff226ba790, fin=@0x7fff226ba90f,

errorText=@0x7fff226ba870)

at /home/shoofi/src/straight/qgis-trunk/src/plugins/spit/qgsshapefile.cpp:301

#3907 0x00007f90057f3886 in [[QgsSpit]]::import (this=0x1a02230)

at /home/shoofi/src/straight/qgis-trunk/src/plugins/spit/qgsspit.cpp:772

#3908 0x00007f9005810f35 in [[QgsSpit]]::on_buttonBox_accepted (this=0x1a02230)

at /home/shoofi/src/straight/qgis-trunk/build/src/plugins/spit/././././src/plugins/spit/qgsspit.h:84

#3909 0x00007f9005810c9b in [[QgsSpit]]::qt_metacall (this=0x1a02230,

_c=QMetaObject::InvokeMetaMethod, _id=4, _a=0x7fff226bbac0)

at /home/shoofi/src/straight/qgis-trunk/build/src/plugins/spit/moc_qgsspit.cxx:90

#3910 0x00007f9019a6c764 in QMetaObject::activate () from /usr/lib/libQtCore.so.4

#3911 0x00007f90192bb221 in QDialogButtonBox::qt_metacall ()

from /usr/lib/libQtGui.so.4

#3912 0x00007f9019a6c764 in QMetaObject::activate () from /usr/lib/libQtCore.so.4

```
#3913 0x00007f90195056e7 in QAbstractButton::clicked ()
    from /usr/lib/libQtGui.so.4
#10 0x00007f901928b53b in ?? () from /usr/lib/libQtGui.so.4
#3914 0x00007f901928d082 in ?? () from /usr/lib/libQtGui.so.4
#3915 0x00007f901928d2d5 in QAbstractButton::mousePressEvent ()
    from /usr/lib/libQtGui.so.4
#3916 0x00007f9018fd93af in QWidget::event () from /usr/lib/libQtGui.so.4
#3917 0x00007f9018f86e5d in QApplicationPrivate::notify_helper ()
    from /usr/lib/libQtGui.so.4
#3918 0x00007f9018f8f39a in QApplication::notify () from /usr/lib/libQtGui.so.4
#3919 0x00007f9019a58411 in QApplication::notifyInternal ()
    from /usr/lib/libQtCore.so.4
#3920 0x00007f9018f8e738 in QApplicationPrivate::sendMouseEvent ()
    from /usr/lib/libQtGui.so.4
#3921 0x00007f9018ff2719 in ?? () from /usr/lib/libQtGui.so.4
#3922 0x00007f9018ff15ef in QApplication::x11ProcessEvent ()
    from /usr/lib/libQtGui.so.4
#3923 0x00007f90190189cc in ?? () from /usr/lib/libQtGui.so.4
#3924 0x00007f9015b21892 in g_main_context_dispatch ()
    from /usr/lib/libglib-2.0.so.0
#3925 0x00007f9015b2501d in ?? () from /usr/lib/libglib-2.0.so.0
#3926 0x00007f9015b251db in g_main_context_iteration ()
    from /usr/lib/libglib-2.0.so.0
#3927 0x00007f9019a8083f in QEventDispatcherGlib::processEvents ()
    from /usr/lib/libQtCore.so.4
#3928 0x00007f901901816f in ?? () from /usr/lib/libQtGui.so.4
#3929 0x00007f9019a56d22 in QEventLoop::processEvents ()
    from /usr/lib/libQtCore.so.4
#3930 0x00007f9019a56ead in QEventLoop::exec () from /usr/lib/libQtCore.so.4
#3931 0x00007f9019a5937d in QApplication::exec ()
    from /usr/lib/libQtCore.so.4
#3932 0x0000000000004b1829 in main (argc=1, argv=0x7fff226bdb18)
    at /home/shoofi/src/straight/qgis-trunk/src/app/main.cpp:683
(gdb)
```

#4 - 2008-08-28 12:57 AM - Gabriele Monfardini

I've exactly the same problem on qgis 0.11, postgresQL 8.1, POSTGIS="1.1.6" GEOS="2.2.3-CAPI-1.1.1" PROJ="Rel. 4.4.9, 29 Oct 2004" on Ubuntu Hardy amd64, on every shapefile

#5 - 2008-08-30 09:22 AM - Maciej Sieczka -

I just had an **exactly** the same backtrace after a crash during querying a shapefile with **Identify Features** tool.

This seems a bug somewhere deep in QGIS, or a QT 4.4.0 bug.

#6 - 2008-11-29 05:11 AM - Brendon Wolff-Piggott -

Replying to [comment:5 msieczka]:

I just had an **exactly** the same backtrace after a crash during querying a shapefile with **Identify Features** tool.

This seems a bug somewhere deep in QGIS, or a QT 4.4.0 bug.

Imported shape files successfully to QGIS 1.0.0 Preview 2 with [[PostgreSQL]] 8.3 on Ubuntu 8.04. Using the provided shape file I get:

"Problem inserting features from file:

/home/workshop/Desktop/buffer1.shp

The database gave an error while executing this SQL:

```
CREATE TABLE ""."buffer1"("gid" int4 PRIMARY KEY,"CAT" float,"NAZWA" varchar(80) )
```

The error was:

ro-length delimited identifier at or near """"

```
LINE 1: CREATE TABLE ""."buffer1"("gid" int4 PRIMARY KEY,"CAT" float..."
```

^

#7 - 2009-02-02 12:51 PM - Jürgen Fischer

- Status changed from Open to Closed

- Resolution set to fixed

fixed in commit:f6bda8b0 (SVN r10095)

#8 - 2009-08-22 01:01 AM - Anonymous

Milestone Version 1.0.1 deleted

Files

buffer1.zip	179 KB	2008-08-22	Maciej Sieczka -
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