

QGIS Application - Bug report #802

querying a broken polygon crashes QGIS

2007-11-12 12:40 PM - Maciej Sieczka -

Status: Closed	
Priority: Low	
Assignee: nobody -	
Category: Digitising	
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 #: 10861

Description

SVN 7389.

When querying or editing a broken "polygon" (consisting of only 1 or 2 vertices) in a shapefile (created in fGIS) QGIS crashes as following:

```
Debug: /home/shoofi/src/straight/qgis09/src/core/qgsgeometry.cpp: 3303: (exportWkbToGeos) Polygon found
terminate called after throwing an instance of 'geos::IllegalArgumentException'
```

Program received signal SIGABRT, Aborted.

[Switching to Thread -1257321792 (LWP 15291)]

0xffffe410 in +kernel_vsyscall ()

(gdb) bt

#0 0xffffe410 in +kernel_vsyscall ()

#3905 0xb63939a1 in raise () from /lib/tls/i686/cmov/libc.so.6

#3906 0xb63952b9 in abort () from /lib/tls/i686/cmov/libc.so.6

#3907 0xb6576450 in +gnu_cxx::+verbose_terminate_handler () from /usr/lib/libstdc++.so.6

#3908 0xb6574185 in std::set_unexpected () from /usr/lib/libstdc++.so.6

#3909 0xb65741b6 in std::terminate () from /usr/lib/libstdc++.so.6

#3910 0xb65742ba in +cxa_throw () from /usr/lib/libstdc++.so.6

#3911 0xb6baac3b in geos::LinearRing::validateConstruction (this=0x84e9eb8) at [[LinearRing]].cpp:106

#3912 0xb6baad50 in [[LinearRing]] (this=0x84e9eb8, newCoords=0x0, newFactory=0x0) at [[LinearRing]].cpp:97

#3913 0xb6ba7d7c in geos::GeometryFactory::createLinearRing (this=0x0, newCoords=0x0) at [[GeometryFactory]].cpp:423

#10 0xb6f34a79 in [[QgsGeometry]]::exportWkbToGeos (this=0x86c0990) at

/home/shoofi/src/straight/qgis09/src/core/qgsgeometry.cpp:3334

#3914 0xb6f350b2 in [[QgsGeometry]]::intersects (this=0x86c0990, geometry=0x86cab78) at

/home/shoofi/src/straight/qgis09/src/core/qgsgeometry.cpp:2832

#3915 0xb6f352c8 in [[QgsGeometry]]::intersects (this=0x86c0990, r=@0xbfa10c68) at

/home/shoofi/src/straight/qgis09/src/core/qgsgeometry.cpp:2824

#3916 0xb2f08208 in [[QgsOgrProvider]]::getNextFeature (this=0x86cad10, feature=@0xbfa10e5c) at

/home/shoofi/src/straight/qgis09/src/providers/ogr/qgsogrprovider.cpp:294

#3917 0x0816921e in [[QgsMapToolIdentify]]::identifyVectorLayer (this=0x84fda18, layer=0x8356d40, point=@0xbfa110e8) at

/home/shoofi/src/straight/qgis09/src/app/qgsmaptoolidentify.cpp:282

#3918 0x0816a9ca in [[QgsMapToolIdentify]]::canvasReleaseEvent (this=0x84fda18, e=0xbfa117bc) at

/home/shoofi/src/straight/qgis09/src/app/qgsmaptoolidentify.cpp:98

#3919 0xb6e5a31b in [[QgsMapCanvas]]::mouseReleaseEvent (this=0x84bef48, e=0xbfa117bc) at

/home/shoofi/src/straight/qgis09/src/gui/qgsmapcanvas.cpp:671

#3920 0xb76b39dd in QWidget::event (this=0x84bef48, event=0xbfa117bc) at kernel/qwidget.cpp:6080

#3921 0xb79b43bb in QFrame::event (this=0x84bef48, e=0xbfa117bc) at widgets/qframe.cpp:657

#3922 0xb7a3decbb in QAbstractScrollArea::viewportEvent (this=0x3bbb, e=0x6) at widgets/qabstractscrollarea.cpp:920

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#3923 0xb7b98638 in QGraphicsView::viewportEvent (this=0x84bef48, event=0xbfa117bc) at
graphicsview/qgraphicsview.cpp:2337
#3924 0xb7a409b4 in QAbstractScrollAreaFilter::eventFilter (this=0x0, o=0x84f5570, e=0x0) at qabstractscrollarea_p.h:95
#3925 0xb766eb97 in QApplicationPrivate::notify_helper (this=0x82e96e8, receiver=0x84f5570, e=0xbfa117bc) at
kernel/qapplication.cpp:3550
#3926 0xb7671ff8 in QApplication::notify (this=0xbfa11f0c, receiver=0x84f5570, e=0xbfa117bc) at kernel/qapplication.cpp:3257
#3927 0xb7e2cf64 in QCoreApplication::notifyInternal (this=0xbfa11f0c, receiver=0x84f5570, event=0xbfa117bc) at
kernel/qcoreapplication.cpp:532
#3928 0xb76cabd7 in QETWidget::translateMouseEvent (this=0x84f5570, event=0xbfa11b1c) at qcoreapplication.h:205
#3929 0xb76ca4ab in QApplication::x11ProcessEvent (this=0xbfa11f0c, event=0xbfa11b1c) at kernel/qapplication_x11.cpp:2917
#3930 0xb76eedab in x11EventSourceDispatch (s=0x830b258, callback=0, user_data=0x0) at
kernel/qguieventdispatcher_glib.cpp:137
#3931 0xb62f18d6 in g_main_context_dispatch () from /usr/lib/libglib-2.0.so.0
#3932 0xb62f4996 in g_main_context_check () from /usr/lib/libglib-2.0.so.0
#3933 0xb62f4e1e in g_main_context_iteration () from /usr/lib/libglib-2.0.so.0
#3934 0xb7e503b5 in QEventDispatcherGlib::processEvents (this=0x83080e0, flags=@0xbfa11d08) at
kernel/qeventdispatcher_glib.cpp:340
#3935 0xb76ee957 in QGuiEventDispatcherGlib::processEvents (this=0x83080e0, flags=@0x3bbb) at
kernel/qguieventdispatcher_glib.cpp:193
#3936 0xb7e2c873 in QEventLoop::processEvents (this=0x0, flags=@0x0) at kernel/qeventloop.cpp:141
#3937 0xb7e2c9b2 in QEventLoop::exec (this=0xbfa11da0, flags=@0xbfa11da8) at kernel/qeventloop.cpp:187
#3938 0xb7e2ee29 in QCoreApplication::exec () at kernel/qcoreapplication.cpp:752
#36 0xb766e6c7 in QApplication::exec () at kernel/qapplication.cpp:3055
#37 0x080dd0e2 in main (argc=1, argv=0xbfa12154) at /home/shoofi/src/straight/qgis09/src/app/main.cpp:631
(gdb)
```

The shapefile is attached. The polygon in question is the sliver to the very west.

Associated revisions

Revision aaaa8482 - 2007-11-13 04:01 PM - Jürgen Fischer

catch more GEOS exceptions, fixes #802

git-svn-id: <http://svn.osgeo.org/qgis/trunk/qgis@7394> c8812cc2-4d05-0410-92ff-de0c093fc19c

Revision e61a03cc - 2007-11-13 04:01 PM - Jürgen Fischer

catch more GEOS exceptions, fixes #802

git-svn-id: <http://svn.osgeo.org/qgis/trunk@7394> c8812cc2-4d05-0410-92ff-de0c093fc19c

History

#1 - 2007-11-13 07:09 AM - Jürgen Fischer

- Resolution set to fixed

- Status changed from Open to Closed

fixed in

#2 - 2007-11-13 07:11 AM - Jürgen Fischer

correction: fixed in commit:e61a03cc (SVN r7395)

#3 - 2009-08-22 12:52 AM - Anonymous

Milestone Version 0.9.1 deleted

Files

pasma_tomek.tar.bz2	1.99 KB	2007-11-12	Maciej Sieczka -
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