

QGIS Application - Bug report #2324

Vector - Sum lines length crashes QGIS

2009-12-23 07:31 PM - Maxim Dubinin

Status:	Closed	
Priority:	Low	
Assignee:	cfarmer -	
Category:	Python plugins	
Affected QGIS version:		Regression?: No
Operating System:	All	Easy fix?: No
Pull Request or Patch supplied:		Resolution: fixed
Crashes QGIS or corrupts data:		Copied to github as #: 12384
Description		
Vector\\Analysis\\Sum lines length crashes QGIS with these two layers. This might be due to geographic CRS, but still, shouldn't crash.		

Associated revisions

Revision 4eb76e6c - 2009-12-27 08:27 PM - Martin Dobias

Fix #2324.

git-svn-id: <http://svn.osgeo.org/qgis/trunk/qgis@12627> c8812cc2-4d05-0410-92ff-de0c093fc19c

Revision 8241b607 - 2009-12-27 08:27 PM - Martin Dobias

Fix #2324.

git-svn-id: <http://svn.osgeo.org/qgis/trunk/qgis@12627> c8812cc2-4d05-0410-92ff-de0c093fc19c

Revision 40a8a49f - 2010-06-13 10:43 AM - Jürgen Fischer

fix #2324

git-svn-id: <http://svn.osgeo.org/qgis/trunk/qgis@13724> c8812cc2-4d05-0410-92ff-de0c093fc19c

Revision 27e451ce - 2010-06-13 10:43 AM - Jürgen Fischer

fix #2324

git-svn-id: <http://svn.osgeo.org/qgis/trunk/qgis@13724> c8812cc2-4d05-0410-92ff-de0c093fc19c

History

#1 - 2009-12-23 07:32 PM - Maxim Dubinin

test data

<http://gis-lab.info/share/sumlines-crash.zip>

#2 - 2009-12-23 11:38 PM - Giovanni Manghi

confirmed under linux. Terminal returns just "seg fault".

#3 - 2009-12-24 05:37 AM - Jürgen Fischer

Following change cures that, but as that is probably not the only place with that construct, we'd probably be better of reverting the commit:7d175fb9 (SVN r12598). Ccing Martin.

```
<pre>
Index: python/plugins/fTools/tools/doSumLines.py
=====
--- python/plugins/fTools/tools/doSumLines.py (revision 12612)
+++ python/plugins/fTools/tools/doSumLines.py (working copy)
@@ -139,7 +139,7 @@
         if inGeom.intersects(i.geometry()):
             outGeom = inGeom.intersection(i.geometry())
             length = length + distArea.measure(outGeom)
-        outFeat.setGeometry(inGeom)
+        outFeat.setGeometry( [[QgsGeometry]](inGeom) )
        outFeat.setAttributeMap(atMap)
        outFeat.addAttribute(index, QVariant(length))
        writer.addFeature(outFeat)
</pre>
```

#4 - 2009-12-27 11:28 AM - Martin Dobias

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

Fixed in commit:8241b607 (SVN r12628): only the copying setGeometry() is used. Thanks Juergen for pointing out.

#5 - 2010-02-18 03:40 AM - dr -

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

bug is not fixed

#6 - 2010-02-18 04:16 AM - Giovanni Manghi

This is right on the money, I just found two layers you can download here



<http://mapserver.uevora.pt/~mapserver/>



that do always crash qgis when the "sum line lengths" operation is done.



In the terminal I get only a "seg fault" message.

#7 - 2010-02-18 04:34 AM - Giovanni Manghi

Well,

in the case of the layers I posted it turns that if I save them in another projection (ie epsg 3763) the operation goes well. Weird.

#8 - 2010-02-18 04:37 AM - Giovanni Manghi

Moreover there are other projection (ie epsg 20790) that I can use to save the original layers that cause qgis crash when the "sum line lengths" operation is done.

#9 - 2010-06-13 01:43 AM - Jürgen Fischer

- *Resolution set to fixed*

- *Status changed from Feedback to Closed*

fixed in commit:27e451ce (SVN r13725).