

QGIS Application - Bug report #20932

Crash when running snap geometries to layer on large data set

2019-01-07 02:45 PM - Andy Whyte

Status:	Closed	
Priority:	High	
Assignee:		
Category:	Processing/QGIS	
Affected QGIS version:	3.4.3	Regression?: No
Operating System:	Windows 10	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: up/downstream
Crashes QGIS or corrupts data:	Yes	Copied to github as #: 28751
Description		
I have a point layer with 2,365,043 features that I am trying to run the Snap geometries to layer algorithm on. Every time I run it QGIS crashes. I understand this is a very large file to work on but it should not crash QGIS. The input and reference layer are the same and I am using a tolerance of 1 meter with the Prefer aligning nodes, don't insert new vertices option. I have attached a Project file and here is a Dropbox link to the data - https://www.dropbox.com/sh/f7jeawyjgszwtu/AAAHnguxoB1XORHsB5J5_tKHa?dl=0 Crash ID: 635c0b4de2060f48928b3f2f254160d072d28d58 Stack Trace SpatialIndex::MVRTree::Data::storeToByteArray : qsort : SpatialIndex::MVRTree::Data::storeToByteArray : SpatialIndex::MVRTree::Data::storeToByteArray : SpatialIndex::MVRTree::Data::storeToByteArray : SpatialIndex::RTree::Data::getShape : SpatialIndex::RTree::Data::getShape : QgsSpatialIndex::addFeature : QgsSpatialIndex::addFeature : QgsInternalGeometrySnapper::snapFeature : PyInit__analysis : PyMethodDef_RawFastCallKeywords : PyMethodDef_RawFastCallKeywords : PyEval_EvalFrameDefault : PyFunction_FastCallDict : PyMethodDef_RawFastCallDict : PyObject_Call : PyInit__sip : CPLStringList::empty : PyInit__core : QgsProcessingAlgorithm::runPrepared : QgsProcessingAlgRunnerTask::run : PyInit__core : QgsTask::start : QThreadPoolPrivate::reset : QThread::start :		

BaseThreadInitThunk :

RtlUserThreadStart :

QGIS Info

QGIS Version: 3.4.3-Madeira

QGIS code revision: 2f64a3c4e7

Compiled against Qt: 5.11.2

Running against Qt: 5.11.2

Compiled against GDAL: 2.4.0

Running against GDAL: 2.4.0

System Info

CPU Type: x86_64

Kernel Type: winnt

Kernel Version: 10.0.17134

History

#1 - 2019-01-07 02:49 PM - Giovanni Manghi

- Priority changed from Normal to High
- Category changed from Unknown to Processing/QGIS

#2 - 2019-01-23 10:08 AM - Julien Cabieces

The issue comes from libspatialindex and has already been reported : <https://github.com/libspatialindex/libspatialindex/issues/107>

#3 - 2019-01-23 11:01 AM - Jürgen Fischer

- Resolution set to up/downstream

#4 - 2019-01-25 06:58 PM - Giovanni Manghi

- Status changed from Open to Closed

Files

Test project.qgz	9.74 KB	2019-01-07	Andy Whyte
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