

ftools: simplify geometries tool crashes/freezes qgis (or throws a python error)

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 #: 12553

The tool seems to not like/not work with multipart geometries, so a control should be added. A singlepart version of the problematic vector (attached) stills crashes qgis when using the tool.

With the attached vector "evora_rios" with qgis trunk under Ubuntu 9.10, qgis crashes with the following terminal message.

I tried also to obtain a singlepart version ("evora_rios_singlepart", also attached here) of the same vector (using the multipart to singleparts tool in ftools) and the results are no better as qgis freezes or crashes (same message as above)***.

Under Ubuntu 9.04 (and qgis 1.4 from the ubuntuqgis repository) the crash message is slightly different from the one thrown under 9.10

2025-04-27

Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread
Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread
Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread
Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread
Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread
Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread
Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread
Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread
Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread
Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread
Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread
Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread
Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread
Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread
Warning: QPixmap: It is not safe to use pixmaps outside the GUI thread
Warning: X Error: [[BadImplementation]] (server does not implement operation) 17
Major opcode: 20 (X_GetProperty)
Resource id: 0x21
qgis.bin: ../../src/xcbe_io.c:242: process_responses: Assertion '@(((long) (dpy->last_request_read) - (long) (dpy->request)) <= 0)' failed.
Aborted

To notice that also the new plugin "dpsimplify" crashes with the multipart version of the attached vector, but with the singlepart version it works ok.

Associated revisions

Revision bdca8289 - 2010-03-09 01:22 AM - cfarmer -

Simplify geometry tool now works properly for multipart features. Note: tool now uses builtin simplify function from QgsGeometry (i.e. should be noticeably faster). Fixes #2493 and #2499.

git-svn-id: <http://svn.osgeo.org/qgis/trunk/qgis@13033> c8812cc2-4d05-0410-92ff-de0c093fc19c

Revision 1f0d1afa - 2010-03-09 01:22 AM - cfarmer -

Simplify geometry tool now works properly for multipart features. Note: tool now uses builtin simplify function from QgsGeometry (i.e. should be noticeably faster). Fixes #2493 and #2499.

git-svn-id: <http://svn.osgeo.org/qgis/trunk@13033> c8812cc2-4d05-0410-92ff-de0c093fc19c

History

#1 - 2010-03-08 04:26 PM - cfarmer -

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

Should be fixed in commit:1f0d1afa (SVN r13034). Now using built-in simplify function from [[QgsGeometry]]? (added at the last hackfest). Tested on sample shapefile attached to this ticket, works nicely on both multipart and singlepart versions. Note, this bug is likely a duplicate of #2499 (or vice versa

:~))

-Carson

Files			
evora_rios_shp.zip	76.8 KB	2010-03-06	Giovanni Manghi
evora_rios_singlepart_shp.zip	78.1 KB	2010-03-06	Giovanni Manghi
simplify_error.png	124 KB	2010-03-06	Giovanni Manghi