

## QGIS Application - Bug report #3092

### Gdal Tools Merge tool fails to read extents

2010-10-08 12:16 AM - sowelu -

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| <b>Status:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Closed            |                                     |
| <b>Priority:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Low               |                                     |
| <b>Assignee:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Giuseppe Sucameli |                                     |
| <b>Category:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Python plugins    |                                     |
| <b>Affected QGIS version:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   | <b>Regression?:</b> No              |
| <b>Operating System:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Debian            | <b>Easy fix?:</b> No                |
| <b>Pull Request or Patch supplied:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   | <b>Resolution:</b> fixed            |
| <b>Crashes QGIS or corrupts data:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   | <b>Copied to github as #:</b> 13152 |
| <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |                                     |
| <p>Using GDAL Tools, Warp tool I was getting a Python message that an index was out of range. The problem was in this code in doMerge.py where indicated</p> <pre>info = QString( arr ).split( "\n" ) ulCoord = info[ info.indexOf( QRegExp( "^Upper\\sLeft.*" ) ) ].simplified() lrCoord = info[ info.indexOf( QRegExp( "^Lower\\sRight.*" ) ) ].simplified() ul = ulCoord.split( " " ) lr = lrCoord.split( " " ) xUL = ul[ 3 ].replace( ",", "" ).toDouble() [ 0 ] &lt;--- Index error yUL = ul[ 4 ].replace( ",", "" ).toDouble()[ 0 ] xLR = lr[ 3 ].replace( ",", "" ).toDouble()[ 0 ] yLR = lr[ 4 ].replace( ",", "" ).toDouble()[ 0 ]</pre> <p>This resulted from a raster with the following partial gdalinfo</p> <pre>Upper Left (13631210.192,-3336272.678) Lower Left (13631210.192,-3348502.603) Upper Right (13643440.117,-3336272.678) Lower Right (13643440.117,-3348502.603) Center (13637325.154,-3342387.640)</pre> <p>It appears as though the ulCoord string is not being split properly on spaces, because the spaces do not exist around the comma and bracket. I am compiling QGIS with GDAL trunk (on Linux), so maybe the format has changed.</p> <p>The code below fixed the problem and might be more robust (although I am not very good at python).</p> <pre>info = QString( arr ).split( "\n" ) ulCoord = info[ info.indexOf( QRegExp( "^Upper\\sLeft.*" ) ) ].simplified() lrCoord = info[ info.indexOf( QRegExp( "^Lower\\sRight.*" ) ) ].simplified() xUL = ulCoord[ulCoord.indexOf( "(" ) + 1 : ulCoord.indexOf( "," ) - 1].toDouble()r0 yUL = ulCoord[ulCoord.indexOf( "," ) + 1 : ulCoord.indexOf( ")" ) - 1].toDouble()r0 xLR = lrCoord[lrCoord.indexOf( "(" ) + 1 : lrCoord.indexOf( "," ) - 1].toDouble()r0 yLR = lrCoord[lrCoord.indexOf( "," ) + 1 : lrCoord.indexOf( ")" ) - 1].toDouble()r0</pre> |                   |                                     |

## Associated revisions

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### Revision be29ad96 - 2010-11-05 02:35 PM - Giuseppe Sucameli

split extent on comma in GdalTools Merge tool, to fix #3092

git-svn-id: <http://svn.osgeo.org/qgis/trunk/qgis@14513> c8812cc2-4d05-0410-92ff-de0c093fc19c

### Revision 838b614d - 2010-11-05 02:35 PM - Giuseppe Sucameli

split extent on comma in GdalTools Merge tool, to fix #3092

git-svn-id: <http://svn.osgeo.org/qgis/trunk@14513> c8812cc2-4d05-0410-92ff-de0c093fc19c

## History

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### #1 - 2010-11-05 06:36 AM - Giuseppe Sucameli

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

Replying to [sowelu](#):

| Using GDAL Tools, Warp tool I was getting a Python message that an index was out of range.

Did you mean Merge tool, isn't it?

Fixed from commit:838b614d (SVN r14514)