

## QGIS Application - Bug report #11861

### \$area calculation

2014-12-15 03:45 AM - lorenzo pote

<b>Status:</b> Closed	
<b>Priority:</b> High	
<b>Assignee:</b>	
<b>Category:</b> Vectors	
<b>Affected QGIS version:</b> 2.6.0	<b>Regression?:</b> No
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b> invalid
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 20076
<b>Description</b>	
<p>Goodmorning,</p> <p>in qgis 2.6 the \$area calculation from field calculator returns errors for every record: it returns always -92.2337203685478 sq_mt. The layer was created with qgis 2.4 and i work in EPSG 32632.</p> <p>In qgis 2.4 it was ok.</p> <p>Arcgis calculates the right value.</p> <p>If i use "vector/geometry tools/export_add geometry columns" it stops at 87% of elaboration.</p> <p>Thank you</p> <p>Lorenzo</p>	

### History

#### #1 - 2014-12-15 03:54 AM - Giovanni Manghi

- Assignee deleted (Giovanni Manghi)
- Category changed from Attribute table to Vectors
- Status changed from Open to Feedback

please attach the vector.

#### #2 - 2014-12-15 05:06 AM - lorenzo pote

- File BOSCHI\_\_area\_error.zip added

here the shp file. I've the same error with all layer.

lorenzo potè

#### #3 - 2014-12-15 05:07 AM - lorenzo pote

- File BOSCHI\_\_area\_error.zip added

here the shp file. I've the same error with all layer.

lorenzo potè

#### #4 - 2014-12-15 05:36 AM - Giovanni Manghi

- Resolution set to invalid

- Status changed from Feedback to Closed

The "AREA" field in the shape you attached is of type double with length 19 with 16 of those spaces for the decimal part. This means that in this column you can only accommodate numbers with 2 integer numbers. If you calculate the area in hectares ( $\$area/10000$ ) you will see that the values are ok because the numbers are small enough to be stored there. If compute the area in sq m then you see strange values: this behavior can be improved but it has an explanation.

If you compute the area in new columns (with the proper length) there are no problems.

#### Files

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BOSCHI__area_error.zip	762 KB	2014-12-15	lorenzo pote
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