

QGIS Application - Feature request #1912
[PATCH] area not null for symbols with value zero

2009-09-01 06:41 AM - alicebtoklas -

Status:	Closed	
Priority:	Low	
Assignee:	Marco Hugentobler	
Category:	Symbology	
Pull Request or Patch supplied:		Resolution: fixed
Easy fix?:	No	Copied to github as #: 11972
Description		
<p>Maybe it's not the right place to talk about that, but:</p> <p>using the "area scale field" to change the size of my point symbols, I get small symbols where the value in this field is zero, instead of no symbol at all. I think it's a big problem.</p> <p>Cheers,</p> <p>Alice</p>		

History

#1 - 2009-09-01 10:21 AM - Giovanni Manghi

I confirm it on the latest qgis version available on both linux and windows.

#2 - 2009-12-08 12:37 AM - mlennert -

Replying to [alicebtoklas](#):

Maybe it's not the right place to talk about that, but:

using the "area scale field" to change the size of my point symbols, I get small symbols where the value in this field is zero, instead of no symbol at all. I think it's a big problem.

I can confirm with 1.3.0. This is quite annoying and makes QGIS unusable for proportionate size cartography.

#3 - 2009-12-08 03:30 AM - Giovanni Manghi

still confirmed in trunk

#4 - 2009-12-09 12:02 PM - mlennert -

Replying to [comment:2 mlennert]:

Replying to [alicebtoklas](#):

Maybe it's not the right place to talk about that, but:

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To complement this: whatever the value of the area scale field, if you put the Size field to 0.01, all symbols (at least circles) are of equal size. I imagine this is linked to the OP's issue.

#5 - 2009-12-17 07:40 AM - mlennert -

Replying to [alicebtoklas](#):

using the "area scale field" to change the size of my point symbols, I get small symbols where the value in this field is zero, instead of no symbol at all. I think it's a big problem.

Found the culprit: <http://trac.osgeo.org/qgis/changeset/9513>, which responds to <http://trac.osgeo.org/qgis/ticket/1186> (putting Maciek and homann in cc, so that they can possibly react as well).

Applying the following patch, solves the problem of this current bug, while apparently not reopening #1186:

```
Index: qgsmarkercatalogue.cpp
=====
--- qgsmarkercatalogue.cpp (révision 12502)
+++ qgsmarkercatalogue.cpp (copie de travail)
@@ -118,12 +118,6 @@
     // First prepare the paintdevice that the marker will be drawn onto
     //

- // Introduce a minimum size, we don't want it to disappear.
- if ( size < 4 )
- {
-     size = 4;
- }
-
     QImage myImage;
     int imageSize;
     if ( fullName.startsWith( "hard:" ) )
```

As already mentioned, this is a show-stopper for any proportionate symbol cartography in QGIS, and so should be solved ASAP.

I'm also a bit skeptical about the second part of #9513:

```
- if ( name == "circle" )
+ // If radius is 0, draw a circle, so it wont disappear.
+ if ( name == "circle" || r < 1)
```

Why does r have to be defined as int ? And is this maybe deprecated since <http://trac.osgeo.org/qgis/changeset/8976> ? I don't have the time to delve any

deeper into the source code, but maybe someone can have a look.

But in any case, most of the issue of this bug seems to be solved by above patch.

Moritz

#6 - 2010-03-25 08:56 AM - mlennert -

ping

This is a major issue for our usage of QGIS and it would be great if someone could at least have a look at the proposed patch.

Moritz

#7 - 2010-03-25 12:49 PM - Marco Hugentobler

I'm going to have a look at the patch.

| *Why does r have to be defined as int*

This is probably legacy and comes from earlier times when all the symbol measures were in pixels.

#8 - 2010-03-25 01:09 PM - Marco Hugentobler

- *Resolution set to fixed*

- *Status changed from Open to Closed*

I agree that those minimum marker sizes are not good in some situations. Therefore, patch is applied in commit:f76bc2d0 (SVN r13162). Thanks!