

# QGIS Application - Bug report #9937

## Symbol outline width incorrect when set to 0

2014-03-28 01:10 PM - Anita Graser

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Symbology	
<b>Affected QGIS version:</b> master	<b>Regression?:</b> No
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 18441
<b>Description</b>	
<p>The standard point symbols have a black outline. The dialog displays an outline width of 0 but clearly and outline is still displayed. Changing the outline size to 0.01 results in a much thinner line than when set to 0. The width of the outline when set to 0 resembles the result of choosing 0.2. To completely remove the outline, the user has to select "no pen". I think setting to 0 should have the same effect as "no pen".</p>	

### Associated revisions

**Revision 25ad0af8 - 2016-04-11 12:42 AM - Nyal Dawson**

[symbology] Add explanatory text for 0 line widths (fix #9937)

### History

**#1 - 2014-03-28 01:48 PM - Nyal Dawson**

Actually what is happening is that setting a zero-width outline is equivalent to a "hairline" width in most drawing programs. It means the outline is always drawn so that it's 1 pixel wide, regardless of any zoom/resolution settings.

This is a pretty important feature to have, and I'd hate to see it dropped. It should be exposed to the user in a better way though. Any ideas?

**#2 - 2014-03-28 02:22 PM - Anita Graser**

I see. Then we should set a reasonable value for "hairline". Currently it's much too wide.

**#3 - 2016-04-10 02:29 PM - R. R.**

As for simple lines and borders (simple fill), the default width should be 0,26mm.

**#4 - 2016-04-10 03:44 PM - Nyal Dawson**

- Status changed from Open to Closed

Fixed in changeset commit:"25ad0af86cb465a44214944b7a5169d8e55d94eb".