

## QGIS Application - Feature request #5048

### Labeling's "Data defined settings" are literally used for size, etc.

2012-02-18 02:09 PM - Aren Cambre

<b>Status:</b>	Closed	<b>Resolution:</b> <b>Copied to github as #:</b> 14818
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Labelling	
<b>Pull Request or Patch supplied:</b>	No	
<b>Easy fix?:</b>	No	
<b>Description</b>		
<p>If I specify a data-defined setting for <b>Size</b> for the labeling feature, it appears that the selected field is used to literally affect that property.</p> <p>For example, I have a SHP that has all city limits in Texas. One field is the city's population. The field varies from very few (probably around 10) to well over a million. I cannot imagine a useful diagram that has font sizes varying from 10 points to over a million points.</p> <p>Please instead allow the value to vary within a predefined scale. E.g., on the example of the city population, I'd rather the value vary between, say, 10pt and 50pt font, so that the smallest city has a 10pt font and the largest city has a 50pt font. I'm OK if QGIS has an automatic way of providing a meaningful, initial value for the bounds on size, but I'd like to be able to override these, too.</p> <p>You might counterargue that I should create a separate field in my dataset to handle this value. That has two problems:</p> <ol style="list-style-type: none"><li>1. I'd have to edit the SHP, which is cumbersome.</li><li>2. Even if this was easier to edit, such as a PostGIS dataset, I'm still having to guess how everything should look before I can even see it.</li></ol> <p>I've attached images to show how things look before and after using the city population for the size field.</p>		
<b>Related issues:</b>		
Related to QGIS Application - Bug report # 5049: Data-defined labeling takes ...		<b>Closed</b> <b>2012-02-18</b>

#### History

##### #1 - 2012-02-18 02:26 PM - Aren Cambre

I should have named this ticket better since it's a feature request, not a bug.

If someone has authority to rename, new title should be **Labeling's "Data defined settings" should vary within reasonable boundaries**.

##### #2 - 2012-02-18 02:35 PM - Aren Cambre

Related: #5049

##### #3 - 2012-04-15 10:21 AM - Giovanni Manghi

- Target version set to Version 2.0.0

##### #4 - 2012-10-06 02:18 AM - Pirmin Kalberer

- Target version changed from Version 2.0.0 to Future Release - Nice to have

##### #5 - 2013-05-13 02:19 PM - Nyall Dawson

- Status changed from Open to Feedback

This might be closable now -- this can be achieved by using an expression for the definition and using the new "scale\_linear" function.

#6 - 2013-05-13 02:28 PM - Larry Shaffer

The branch I'm working on to provide the expression-based data defined values should be ready in the next day or so. Support for this particular feature request (label font size calculated via an expression) is already done.

#7 - 2013-05-29 01:44 PM - Larry Shaffer

- Status changed from Feedback to Resolved

Should be fixed with commit commit:45f374f4

Expressions can be used to provide solution to issue.

Reopen if necessary

#8 - 2014-02-13 12:31 PM - Jürgen Fischer

- Status changed from Resolved to Closed

Files			
labeling_settings.png	39.1 KB	2012-02-18	Aren Cambre
normal_labeling.png	357 KB	2012-02-18	Aren Cambre
labeling_with_data_defined_settings.png	128 KB	2012-02-18	Aren Cambre