

## QGIS Application - Feature request #12136

### Add option to only place a label if it fits inside of a polygon

2015-02-05 09:04 AM - mark volz

<b>Status:</b>	Closed	<b>Resolution:</b> <b>Copied to github as #:</b> 20330
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Labelling	
<b>Pull Request or Patch supplied:</b>	Yes	
<b>Easy fix?:</b>	No	
<b>Description</b>		
<p>Hello,</p> <p>It would be useful if there was an option to only place labels if they fit inside of the polygon. Currently the closest option that I am aware of is to set the "Suppress labeling of features smaller than" option. This option works great if all the labels will have the same number of characters - such as a Parcel Identification Number. However, "suppress labeling of feature classes smaller than" does not work well if we are labels have various lengths such as County Name.</p> <p>I think there are three parts to making sure labels fit inside a polygon.</p> <ol style="list-style-type: none"><li>1. Calculate the width of the label, which can be done by taking the font width * the number of characters. Or more specifically adding the width of each character up in a label as some fonts have different width characters.</li><li>2. Calculate the feature width. - This algorithm is already figured out with the "suppress labeling of features smaller than..." option.</li><li>3. Only place a label if the label width is shorter than the feature width.</li></ol> <p>Thank you for your consideration</p>		

#### Associated revisions

**Revision dc4049dd - 2015-07-20 05:48 AM - Nyal Dawson**

[FEATURE][labeling] Add option to only draw labels which fit completely within polygon features (fix #12136)

#### History

**#1 - 2015-02-07 02:08 AM - Giovanni Manghi**

- *Category set to Labelling*

**#2 - 2015-07-19 08:56 PM - Nyal Dawson**

- *Status changed from Open to Closed*

Fixed in changeset commit:"dc4049ddff09cc1b324dd95f48df29abef92f90e".