

QGIS Application - Feature request #3284

Wrapping long labels

2010-12-02 08:20 AM - Michael Douchin

Status: Closed	
Priority: Low	
Assignee: Nathan Woodrow	
Category: Labelling	
Pull Request or Patch supplied:	Resolution: fixed
Easy fix?: No	Copied to github as #: 13344
Description	
<p>Sometimes labels are very long, such as "River of the Big Dry Blue Reef". UMN Mapserver offers a way to wrap labels based on 2 parameters :</p> <ul style="list-style-type: none">- a max length (integer)- a wrap character, space by default <p>See http://mapserver.org/mapfile/label.html for more information.</p> <p>I do not know how hard it is to implement this feature in the new label engine (considering curves, etc.)</p>	

Associated revisions

Revision f57892c7 - 2012-01-06 08:46 AM - Nathan Woodrow

[FEATURE] Add label wrapping on character. Semi Fixes #3284

History

#1 - 2011-02-10 06:49 PM - Alister Hood

I guess it would also be good if they could wrap to avoid collisions with features or other labels, instead of wrapping at a specified length :)

#2 - 2011-02-10 08:45 PM - Alister Hood

There is already a wrapping option.

But I have never figured out how to actually get layers to wrap. How is it supposed to work?

#3 - 2011-02-10 09:03 PM - Alister Hood

| *There is already a wrapping option. But I have never figured out how to actually get layers to wrap. How is it supposed to work?*

Oh, I remember now. The User Guide says multiline labels work with a true line return. I'm not sure how you're supposed to enter a true line return though (on windows).

#4 - 2011-02-10 10:16 PM - Alister Hood

Aha, here's the answer from the mailing list:

You have to enter a "real" newline. If you want to enter multiline labels in QGIS you need to assign a `[[TextEdit]]` instead of `[[LineEdit]]` as edit widget in the vector layer properties' attributes tab.

Of course this feature request is still valid, as it is about automatic wrapping, not wrapping with a manual line break.

#5 - 2011-11-12 06:13 AM - Michael Douchin

I think this request is no longer needed since the implementation of expression based labelling :

<http://woostuff.wordpress.com/2011/10/27/expression-based-labeling/>

#6 - 2011-11-12 06:18 AM - Nathan Woodrow

- Pull Request or Patch supplied set to No
- Assignee deleted (nobody -)

I wouldn't close it just yet as the expression labeling thing doesn't really expose a function to wrap strings. It's on the todo list and shouldn't be too hard to add.

#7 - 2011-12-16 01:49 PM - Giovanni Manghi

- Target version changed from Version 1.7.0 to Version 1.7.4

#8 - 2012-01-05 11:47 PM - Anonymous

- % Done changed from 0 to 100
- Status changed from Open to Closed

Fixed in changeset commit:"f57892c73d8a3b4a3abe4b8659369720e9cc1329".

#9 - 2012-01-05 11:50 PM - Nathan Woodrow

- Resolution set to fixed
- Category changed from Map Canvas to Labelling
- Assignee set to Nathan Woodrow

I have added the ability to wrap labels based on a character, check on the advanced tab on the label dialog. Max length isn't done yet but it shouldn't be too hard to add.

#10 - 2012-01-06 12:22 AM - Michael Douchin

Nathan Woodrow wrote:

I have added the ability to wrap labels based on a character, check on the advanced tab on the label dialog. Max length isn't done yet but it shouldn't be too hard to add.

Thanks !

#11 - 2012-01-06 02:51 AM - Nathan Woodrow

How would you like max length handled. I was just thinking of copying how MapServer does it <http://mapserver.org/mapfile/label.html#maxlength>

#12 - 2012-01-06 04:49 AM - Michael Douchin

I think it makes sense. This way users won't have problem to use it if they come from mapserver.
Plus I think this is the easiest yet effective way to handle this issue

#13 - 2012-01-08 03:05 PM - Alister Hood

Nathan Woodrow wrote:

| *How would you like max length handled. I was just thinking of copying how MapServer does it <http://mapserver.org/mapfile/label.html#maxlength>*

Just to clarify: are you proposing actually doing it in the expression builder?

#14 - 2012-01-08 03:15 PM - Alister Hood

While I can see the benefits of doing it the same way as other software, the mapserver way isn't particularly intuitive. Especially things like this:

If `maxlength > 0` and `wrap = 'char'`, insert a newline at the FIRST wrap character AFTER `maxlength` characters

I would think that users would expect it to wrap at the LAST wrap character BEFORE `maxlength` characters (assuming there is one).

And I don't see why they have two ways of achieving "hard wrap (always break at exactly MAXLENGTH characters)". Perhaps when there is "no wrap", they mean to *truncate* at MAXLENGTH characters, not to "hard wrap".

#15 - 2012-01-08 05:12 PM - Nathan Woodrow

Alister Hood wrote:

| *Just to clarify: are you proposing actually doing it in the expression builder?*

No. The plan is to add another control to the label dialog for wrapping properties e.g. max length, wrap character etc

This is a general labeling thing not really just for expressions.