

QGIS Application - Bug report #15296

Curved labels not showing when 'Merge connected lines' is on

2016-07-18 12:52 AM - Frits van Veen

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Unknown	
Affected QGIS version:	2.16.0	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:		Resolution:
Crashes QGIS or corrupts data:		Copied to github as #: 23230
Description		
<p>When I switch 'Merge connected lines' on, I do not expect less distinct labels. In the screenshots look at 'Vengraven', 'Mertenshof' and 'Geertshof'.</p> <p>I did some testing (see attached text file) and it appears that the merged lines are shorter than the sum of the parts. More specifically, it appears that the last line segment is not accounted for.</p>		

History

#1 - 2016-07-18 12:54 AM - Frits van Veen

- File 1_separate_lines.png added
- File 2_merged_lines.png added
- File 3_merged_lines_discourage_off.png added
- File Merge_lines_problem.txt added

#2 - 2016-07-18 12:57 AM - Frits van Veen

Unchecking 'Discourage labels from covering features' does not change much.

#3 - 2016-07-18 01:35 AM - Nyall Dawson

Can you turn on the "show label candidates" option (under global label properties - the "arrow" button in the top right of the label settings) and attach screenshots?

#4 - 2016-07-19 09:57 PM - Frits van Veen

- File 2016-07-20_06_48_04-QGIS_fd88d91_-_Top10NL.png added
- File 2016-07-20_06_48_41-Calculator.png added

Don't know if the screenshots help.

I do come at line 1472 in feature.cpp. Function FeaturePart::mergeWithFeaturePart where the comment says:

```
// sometimes it's not possible to merge lines (e.g. they don't touch at endpoints)
```

I don't know why this happens, but when it does, the behaviour should be to abandon the merge completely and not to leave a potentially large segment out.

I will look further into it. For now I'm going to enjoy a spell of nice weather we have here in Holland!

#5 - 2016-07-19 10:13 PM - Nyall Dawson

- Status changed from Open to Feedback

Have a look if commit:9007d5c has improved this for you...

#6 - 2016-07-20 11:14 PM - Frits van Veen
- Status changed from Feedback to Closed

Problem solved by commit:9007d5c

#7 - 2017-09-22 09:55 AM - Jürgen Fischer
- Category set to Unknown

Files			
1_separate_lines.png	128 KB	2016-07-17	Frits van Veen
2_merged_lines.png	120 KB	2016-07-17	Frits van Veen
3_merged_lines_discourage_off.png	120 KB	2016-07-17	Frits van Veen
Merge_lines_problem.txt	2.16 KB	2016-07-17	Frits van Veen
2016-07-20_06_48_04-QGIS_fd88d91_-_Top10NL.png	142 KB	2016-07-19	Frits van Veen
2016-07-20_06_48_41-Calculator.png	134 KB	2016-07-19	Frits van Veen