QGIS Application - Bug report #18283
serious regression: labelling's parallel placement leads to endless label rendering

2018-03-01 10:43 AM - Mathieu Pellerin - nIRV

Status:	Closed			
Priority:	High			
Assignee:	Nyall Dawson			
Category:	Labelling			
Affected QGIS version:	3.1(master)	**Regression?:**	Yes	
Operating System:		**Easy fix?:**	No	
Pull Request or Patch supplied:		**Resolution:**	fixed/implemented	
Crashes QGIS or corrupts data:	Yes	**Copied to github as #:**	26174	

Description

When using the parallel placement mode to label a line layer, QGIS' rendering appears to enter in an endless loop while attempting to label that layer. The user has to eventually kill QGIS and restart the app to regain control of the app.

I'm seeing this under QGIS master (i.e. baby-born 3.1), but I suspect and worry it's a regression which started prior to release of 3.0.

Steps to reproduce

1. Load the attached test project
2. Open the layer style panel for the roads_subset layer
3. Set the labelling placement to "parallel"
4. Observe QGIS going into endless rendering
5. The only way to stop the rendering is to switch the placement back to curved ~~or horizontal~~.
6. Upon quitting, the QGIS process stays in memory

Associated revisions

Revision a76fb0b4 - 2018-03-05 02:36 AM - Nyall Dawson

[pal] Fix invalid candidates created for parallel line labeling

mode when a closed linestring is too small for labels to fit

within feature

Fixes #18283

Revision 35527642 - 2018-03-06 02:20 AM - Nyall Dawson

[pal] Fix invalid candidates created for parallel line labeling

mode when a closed linestring is too small for labels to fit

within feature

Fixes #18283

(cherry-picked from a76fb0b)

History

#1 - 2018-03-01 10:44 AM - Giovanni Manghi

- Affected QGIS version changed from master to 3.1(master)

#2 - 2018-03-01 11:00 AM - Mathieu Pellerin - nIRV

Oups, sorry, horizontal placement *also* results in infinite rendering.

#3 - 2018-03-01 11:00 AM - Mathieu Pellerin - nIRV

- Description updated

#4 - 2018-03-01 11:01 AM - Mathieu Pellerin - nIRV

- Description updated

#5 - 2018-03-02 04:33 AM - Mathieu Pellerin - nIRV

- Assignee set to Nyall Dawson

Reverting commit 2ab1e02 and commit dded4ab takes care of the regression.

#6 - 2018-03-05 01:29 AM - Nyall Dawson

- Status changed from Open to In Progress

#7 - 2018-03-05 02:36 AM - Nyall Dawson

- Status changed from In Progress to Closed

- % Done changed from 0 to 100

Applied in changeset commit:qgis|a76fb0b469796183c76d5343053e5be2471de126.

#8 - 2018-03-06 11:54 AM - Giovanni Manghi

- Resolution set to fixed/implemented

Files

label_freeze.zip	323 KB	2018-03-01	Mathieu Pellerin - nIRV