

QGIS Application - Bug report #15341

Inside perimeter polygon labelling not right

2016-07-25 10:47 PM - 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 #: 23273
Description	
<p>A polygon is clipped (for presumably performance reasons) to the visible area before labelling is applied. If the resulting polygon is a simple one, all works well. If it is a multipolygon (see the extra edges at the bottom of the view) only one label is plotted and it is on the wrong side of the polygon.</p> <p>Settings: Placement: Using Perimeter Allowed positions: Below line / Line orientation dependent position checked Repeat: 100 mm</p>	

Associated revisions

Revision c0b16840 - 2016-07-27 03:02 AM - Frits van Veen

Fix labeling using perimeter with repeating label distance set

If the visible part of a polygon is clipped and becomes a multipolygon, only one label is plotted on the wrong side of the polygon.

Settings:

Placement: Using Perimeter

Allowed positions: Below line / Line orientation dependent position checked

Repeat: 100 mm

Fix #15341

Revision b2fb248a - 2016-07-27 06:17 AM - Nyal Dawson

Fix labeling using perimeter with repeating label distance set

If the visible part of a polygon is clipped and becomes a multipolygon, only one label is plotted on the wrong side of the polygon.

Settings:

Placement: Using Perimeter

Allowed positions: Below line / Line orientation dependent position checked

Repeat: 100 mm

Fix #15341

(cherry-picked from c0b1684058a5acf3ae58ea63bea7b00520e27725)

Revision 3f331900 - 2016-07-27 06:51 AM - Nyal Dawson

Fix labeling using perimeter with repeating label distance set

If the visible part of a polygon is clipped and becomes a multipolygon, only one label is plotted on the wrong side of the polygon.

Settings:

Placement: Using Perimeter

Allowed positions: Below line / Line orientation dependent position checked

Repeat: 100 mm

Fix #15341

(cherry-picked from c0b1684058a5acf3ae58ea63bea7b00520e27725)

Revision bfa77141 - 2016-07-30 01:22 AM - Nyal Dawson

Fix labeling using perimeter with repeating label distance set

If the visible part of a polygon is clipped and becomes a multipolygon, only one label is plotted on the wrong side of the polygon.

Settings:

Placement: Using Perimeter

Allowed positions: Below line / Line orientation dependent position checked

Repeat: 100 mm

Fix #15341

(cherry-picked from c0b1684058a5acf3ae58ea63bea7b00520e27725)

History

#1 - 2016-07-26 05:34 AM - Frits van Veen

- *File Inside_perimeter_multipolygon_labelling_-_fixed.png added*

I've got a fix!

in QgsPalLayerSettings::registerFeature line 2520 I changed

```
if ( GEOSGeomTypeId_r( QgsGeometry::getGEOSHandler(), geos_geom ) GEOS_POLYGON && repeatDistance > 0 && placement Line )  
to
```

```
GEOSGeomTypes geomType = (GEOSGeomTypes) GEOSGeomTypeId_r( QgsGeometry::getGEOSHandler(), geos_geom );
```

```
if ( (geomType GEOS_POLYGON || geomType GEOS_MULTIPOLYGON) && repeatDistance > 0 && placement == Line )
```

#2 - 2016-07-26 06:03 PM - Frits van Veen

- *Status changed from Open to Closed*

Fixed in changeset commit:"c0b1684058a5acf3ae58ea63bea7b00520e27725".

#3 - 2017-09-22 09:55 AM - Jürgen Fischer

- *Category set to Unknown*

Files

Inside_perimeter_polygon_labelling.png	31.2 KB	2016-07-25	Frits van Veen
Inside_perimeter_multipolygon_labelling.png	21.6 KB	2016-07-25	Frits van Veen
Inside_perimeter_multipolygon_labelling_-_fixed.png	33.8 KB	2016-07-26	Frits van Veen