QGIS Application - Feature request #10135
Add a tool to remove isolated lines

2014-04-29 04:50 AM - Paolo Cavallini

Status:	Closed		
Priority:	Normal		
Assignee:	Victor Olaya		
Category:	Processing/Core		
Pull Request or Patch supplied:		**Resolution:**	up/downstream
Easy fix?:	No	**Copied to github as #:**	18594

Description

People from the Technical University Delft have created an automated way for: "Validation and Automatic Repair of Planar Partitions". It is called 'pprepair'.

It's pure c++ but has cgal as dependency.

Code is here: https://github.com/tudelft-gist/pprepair
Some theory: http://www.gdmc.nl/ken/files/12_osgis.pdf
And Barry blogging about it: http://geospaced.blogspot.nl/2012/09/fixing-polygons-with-pprepair.html

A Processing provider would be much welcome, as it would solve very tricky issues, especially when merging layers with different precisions. To be really usable, pprepair packages should be available for major platforms.

History

#1 - 2015-06-07 04:04 AM - Giovanni Manghi

- Category changed from 94 to Processing/Core

#2 - 2017-05-01 12:47 AM - Giovanni Manghi

- Easy fix? set to No

#3 - 2018-02-24 02:30 PM - Paolo Cavallini

- Resolution set to up/downstream

- Status changed from Open to Closed

- Description updated

Available as plugin.