QGIS Application - Feature request #17135
CGAL in QGIS

2017-09-13 06:08 PM - Bernardo Chrispim Baron

Status:	Open		
Priority:	Normal		
Assignee:			
Category:	C++ Plugins		
Pull Request or Patch supplied:	No	**Resolution:**	
Easy fix?:	No	**Copied to github as #:**	25034

Description

The Computational Geometry Algorithms Library provides some complex geometric computations, many of which are not included in any of QGIS' current toolboxes despite being quite useful for geographic analysis (e.g. "triangulations, voronoi diagrams, boolean operations, point set processing, arrangements of curves, surface and volume mesh generation, geometry processing, alpha shapes, convex hull algorithms, shape analysis, AABB and KD trees"). It is licensed under GPL and LGPL and written in C++ with python bindings, so I imagine its packages would be relatively easy to implement in QGIS as a plugin or toolbox.