

## OGIS User Meeting, June 10 2015

# Geometry Cleaning Plugins

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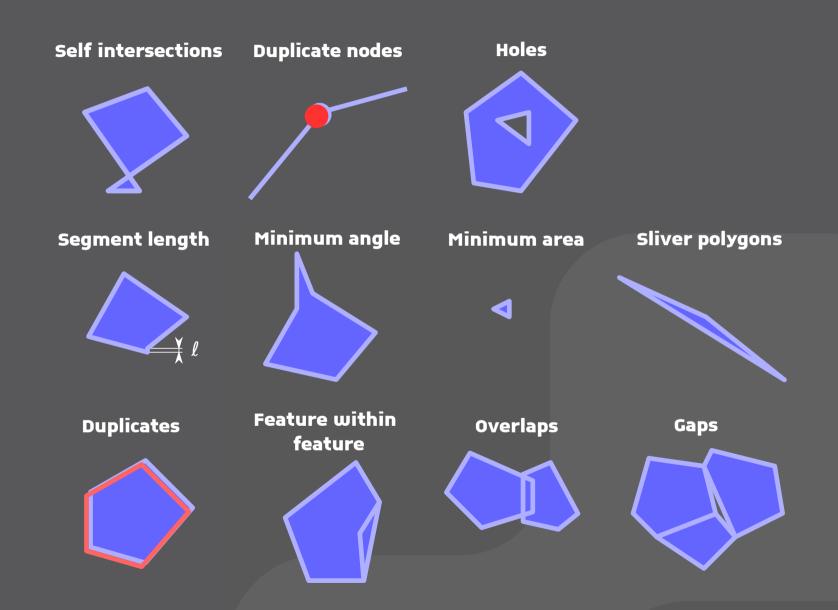
- Fix errors and imprecisions in vector datasets
  - > Improve the results of analysis operations

# **Geometry Checker**

Detect and fix geometry and topology errors and imprecisions

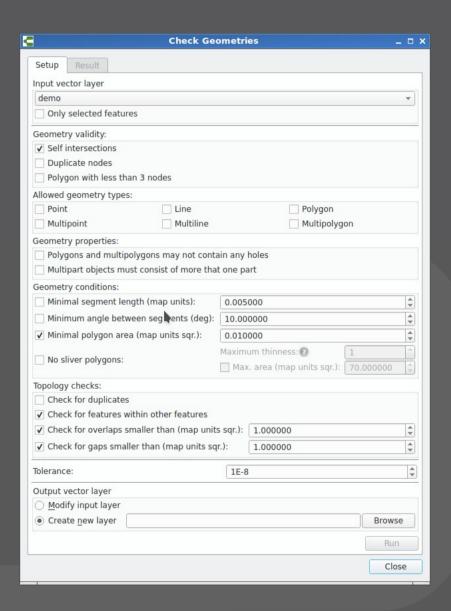


#### **Geometry Checker - Errors**

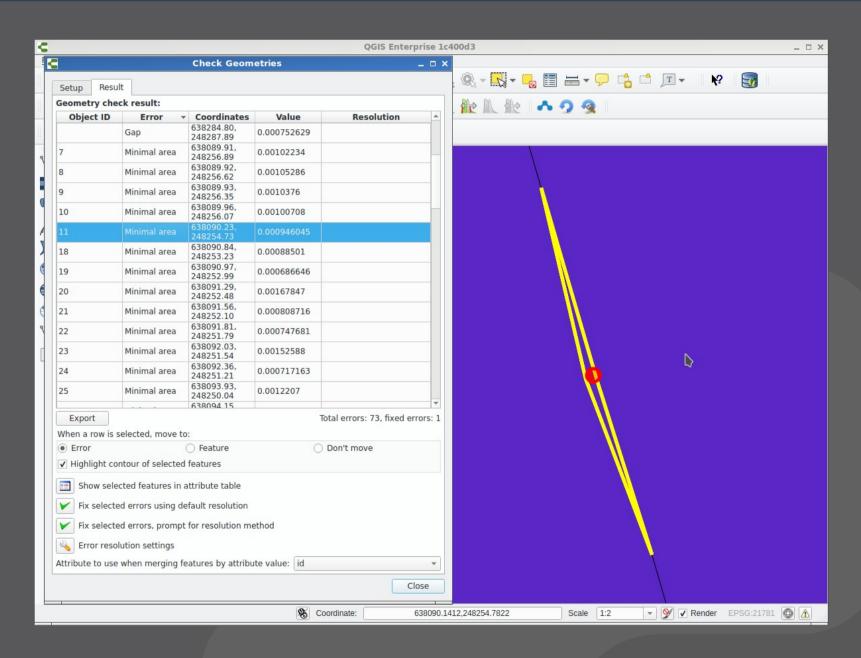


## Geometry Checker - Setup

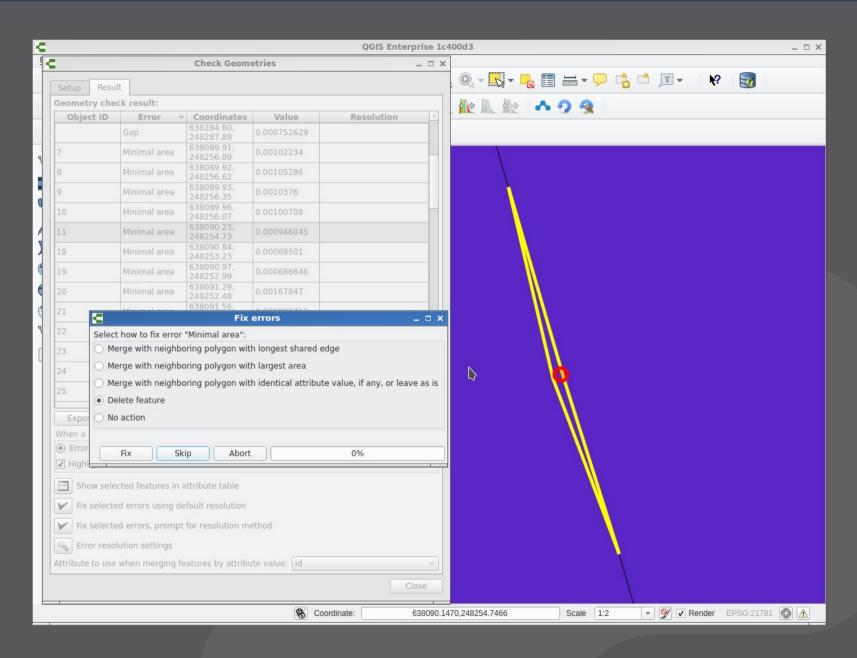
Select checks to perform



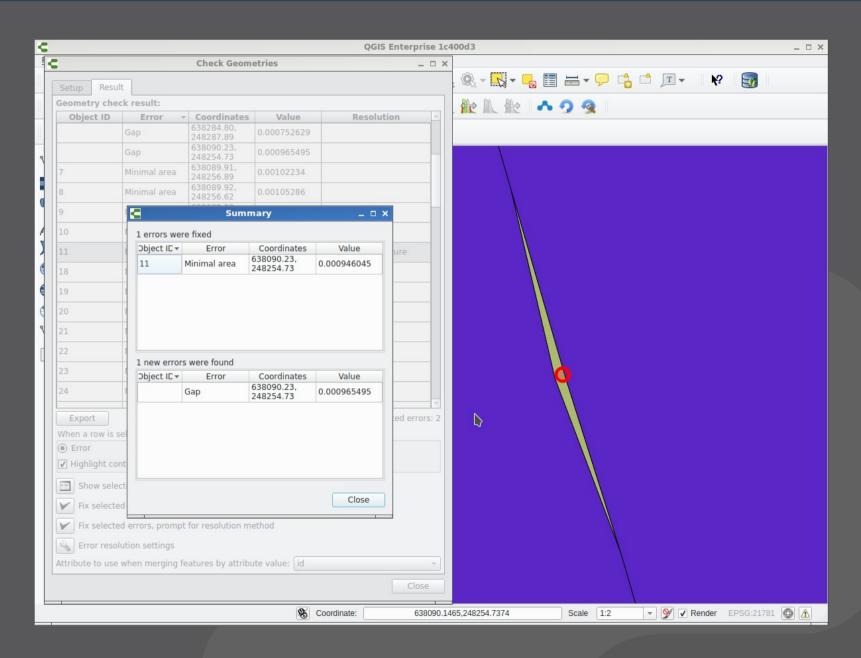
#### Geometry Checker – Errors overview



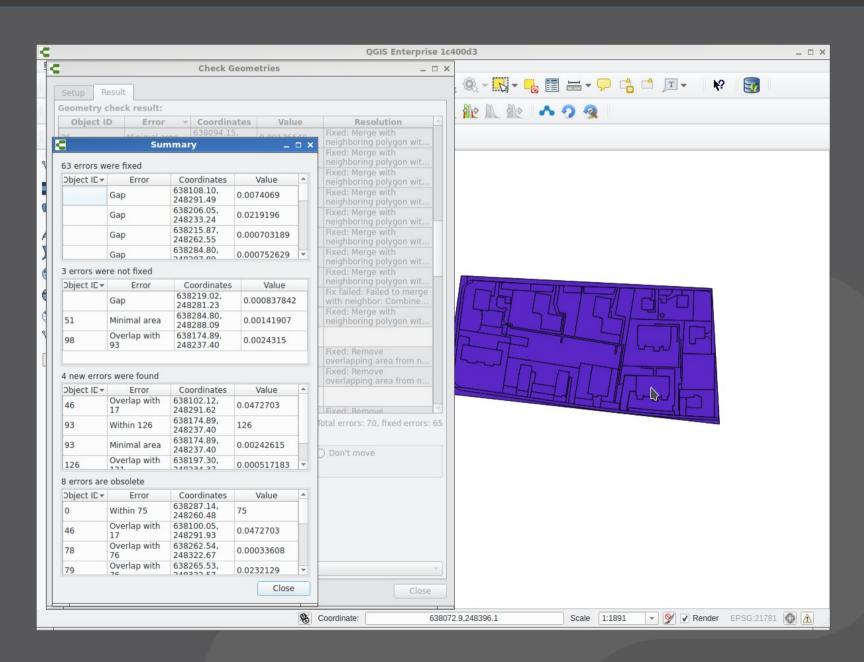
#### Geometry Checker – Fix error



#### Geometry Checker – Error tracking



#### Geometry Checker – Fix multiple errors



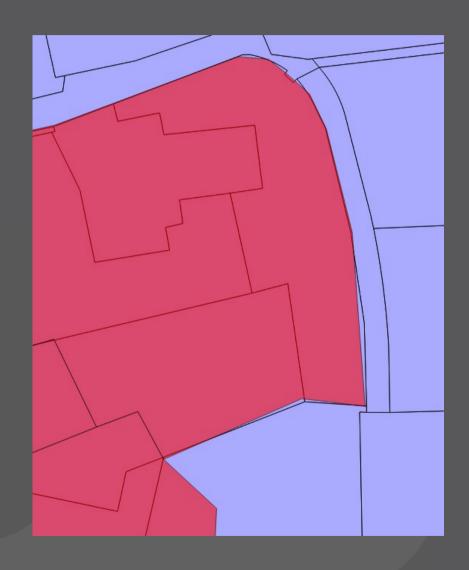
# Geometry snapper

Align features to reference layer

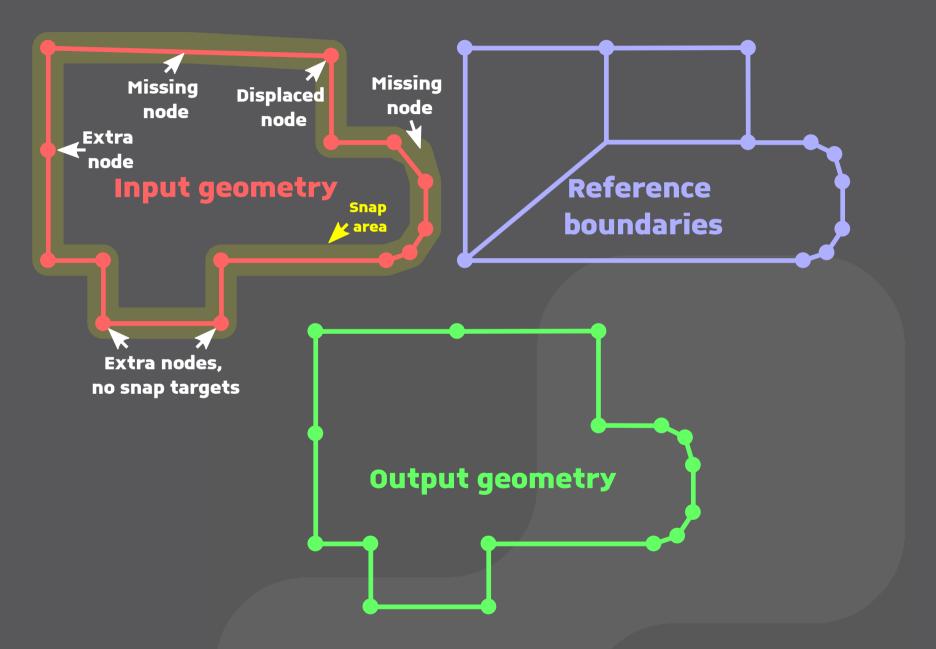


# Geometry Snapper – Problem

> Features of an "input" layer do not match with reference layer feature boundaries

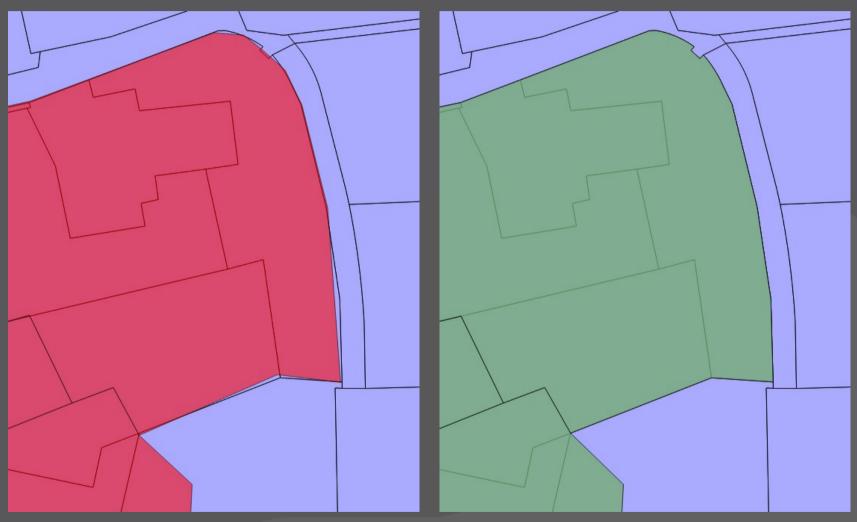


# Geometry Snapper - Snapping





# Geometry Snapper - Result



> Works with line and polygon layers

# Status

#### **→P** Status

- QGIS C++ Plugins
- Funded by Canton Solothurn
- Available in QGIS Enterprise
- Master port pending:
  - New geometry kernel
  - GEOS (geometry library) changes



# Thank you! - Questions?

