QGIS Application - Bug report #20799
Distance matrix output is false

2018-12-13 03:25 PM - Romain Blanc

Status:	Closed		
Priority:	Normal		
Assignee:			
Category:	Processing/QGIS		
Affected QGIS version:	3.4.2	**Regression?:**	No
Operating System:	Windows 10 x64	**Easy fix?:**	No
Pull Request or Patch supplied:		**Resolution:**	fixed/implemented
Crashes QGIS or corrupts data:		**Copied to github as #:**	28619

Description

Take two points layers (example attached) and create a distance matrix in QGIS 2.18.26 and 3.4.2.

Results are different, and both are false. With points in example, max distance should be approximately 8 meters (max result of 2.18 -> 2820557.60885 ; 3.4 -> 2803875.70748).

The layers and the project are in EPSG 2056 (unit = meter). Meters are defined as default unit in QGIS preferences.

Associated revisions

Revision 5c2f68e7 - 2018-12-15 01:36 AM - Nyall Dawson

[processing] Throw error when attempting to use Distance Matrix with
multipoint datasets

There's no single approach to use for multi-point inputs, so instead
of overloading this algorithm with extra options to control how these
are handled, we raise a helpful error and push the reponsibility back
to the user to get the data into the right format before running the
tool.

Fixes #20799

Revision 489f32d8 - 2018-12-16 12:45 AM - Nyall Dawson

[processing] Throw error when attempting to use Distance Matrix with
multipoint datasets

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of overloading this algorithm with extra options to control how these
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Fixes #20799

(cherry picked from commit 5c2f68e769509a7aac89898990de0ffdeff0d6e0)

History

#1 - 2018-12-13 05:40 PM - Romain Blanc

Same data with ArcGIS Point Distance analysis return correct values.

#2 - 2018-12-15 01:36 AM - Nyall Dawson

- % Done changed from 0 to 100

- Status changed from Open to Closed

Applied in changeset commit:qgis|5c2f68e769509a7aac89898990de0ffdeff0d6e0.

#3 - 2018-12-17 02:22 PM - Giovanni Manghi

- Resolution set to fixed/implemented

Files

example_matrix.gpkg	248 KB	2018-12-13	Romain Blanc