QGIS Application - Bug report #19348
Convex hull does not run in QGIS 3.2

2018-07-06 01:15 AM - Joshua Mabonga

Status:	Closed		
Priority:	High		
Assignee:	Giovanni Manghi		
Category:	Vectors		
Affected QGIS version:	3.2	**Regression?:**	Yes
Operating System:	Windows 10	**Easy fix?:**	No
Pull Request or Patch supplied:	No	**Resolution:**	
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	27176

Description

I've tried to create a convex hull (Vector > Geoprocessing Tools > Convex Hull) from points and no polygon was created. When i checked the attribute table of layer created, it did not contain any values, indicating it did not run and only created an empty layer file.

When i tried to create a convex hull with QGIS 2.18 using the same file, a polygon was created indicating there may be an issue with version 3.2.

My CRS is EPSG 32636, WGS 84 UTM Zone 36N. I have attached below a log file with errors i got.

Someone had the same issue and posted it to stackexchange.com at
https://gis.stackexchange.com/questions/283111/creating-minimum-convex-polygon-home-range-from-points-in-qgis . So it obvious, it's not only me experiencing the issue.

Associated revisions

Revision f6ab5f95 - 2018-07-10 02:24 AM - Nyall Dawson

[processing] Better error when 'Convex hull' algorithm is run on
single point feature layer

Which hints to users to use the 'Minimum bounding geometry' algorithm
instead.

Fixes #19348

Revision c473ac00 - 2018-07-10 03:15 AM - Nyall Dawson

[processing] Better error when 'Convex hull' algorithm is run on
single point feature layer

Which hints to users to use the 'Minimum bounding geometry' algorithm
instead.

Fixes #19348

(cherry-picked from f6ab5f95)

History

#1 - 2018-07-06 09:23 AM - Giovanni Manghi

- Status changed from Open to Feedback

- Regression? changed from No to Yes

- Priority changed from Normal to High

Can you attach sample data? thanks!

#2 - 2018-07-06 09:03 PM - Joshua Mabonga

- File qgis sample data.csv added

- Assignee set to Giovanni Manghi

Giovanni Manghi wrote:

> *Can you attach sample data? thanks!*

Please find sample data attached

#3 - 2018-07-07 03:21 AM - Nyall Dawson

- Status changed from Feedback to In Progress

https://github.com/qgis/QGIS/pull/7376

#4 - 2018-07-10 02:24 AM - Nyall Dawson

- % Done changed from 0 to 100

- Status changed from In Progress to Closed

Applied in changeset commit:qgis|f6ab5f95f715fb66622d428b7a2e11a1e5cf7291.

Files

convex hull log file.txt	28.6 KB	2018-07-05	Joshua Mabonga
qgis sample data.csv	307 Bytes	2018-07-06	Joshua Mabonga