

QGIS Application - Bug report #19704

Function is_closed() is not working

2018-08-27 09:33 AM - Zoran Petrovic

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Geometry	
Affected QGIS version:	3.2.2	Regression?: No
Operating System:	Windows 10	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: fixed/implemented
Crashes QGIS or corrupts data:	No	Copied to github as #: 27529
Description		
When using Select by expression or Field calculator, function is_closed is not working. For example: this works: <pre>CASE WHEN x(start_point(\$geometry)) = x(end_point(\$geometry)) AND y(start_point(\$geometry)) = y(end_point(\$geometry)) THEN 'closed' END</pre> but this doesn't: <pre>CASE WHEN is_closed(\$geometry) THEN 'closed' END</pre>		

Associated revisions

Revision e5e14dd6 - 2018-08-29 06:52 AM - Nyal Dawson

Fix is_closed (and other expression functions) fail with multi* input geometries

Fixes #19704

Revision c9442a9f - 2018-08-31 02:32 AM - Nyal Dawson

Fix is_closed (and other expression functions) fail with multi* input geometries

Fixes #19704

(cherry picked from commit e5e14dd68072473ade0f747034b63c6f89d88a1c)

History

#1 - 2018-08-27 09:45 AM - Nyal Dawson

Can you share the wkt for some geometries this fails for?

#2 - 2018-08-27 10:27 AM - Zoran Petrovic

Nyall Dawson wrote:

| Can you share the wkt for some geometries this fails for?

Here is the sample (EPSG 3908):

```
MultiLineString ((6501338.13976828 4850981.51459331, 6501343.09036573 4850984.01453377, 6501338.13976828 4850988.96491092, 6501335.63971657 4850984.01453377, 6501338.13976828 4850981.51459331))
```

```
MultiLineString ((6501793.14917959 4851116.51137828, 6501798.09977704 4851119.01131875, 6501793.14917959 4851120.67794572, 6501791.48247845 4851119.01131875, 6501793.14917959 4851116.51137828))
```

```
MultiLineString ((6502558.16500301 4851122.3445727, 6502563.11560045 4851124.01119967, 6502558.16500301 4851128.96157683, 6502553.21440556 4851124.01119967, 6502558.16500301 4851122.3445727))
```

Is_closed is probably having issues with the MultiLineString type.

#3 - 2018-08-28 01:21 AM - Nyall Dawson

- Status changed from Open to In Progress

<https://github.com/qgis/QGIS/pull/7728>

#4 - 2018-08-29 06:52 AM - Nyall Dawson

- % Done changed from 0 to 100

- Status changed from In Progress to Closed

Applied in changeset commit:qgis|e5e14dd68072473ade0f747034b63c6f89d88a1c.

#5 - 2018-08-29 10:59 AM - Giovanni Manghi

- Resolution set to fixed/implemented