

## QGIS Application - Bug report #20232

### Bug when i try to export into shapefile a temporary layer that have a geometry type changed from original layer

2018-10-26 07:43 PM - Fabio Scarpari

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Geometry	
<b>Affected QGIS version:</b>	3.2.3	<b>Regression?:</b> No
<b>Operating System:</b>	Windows 7 64 bit	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>		<b>Resolution:</b> wontfix
<b>Crashes QGIS or corrupts data:</b>		<b>Copied to github as #:</b> 28053
<b>Description</b>		
<p>Hi, i write to report a bug of QGIS 3.2.3. A few days ago i wanted a new shapefile with geometry "Line (LineString)" from a shapefile with the geometry type "Line (MultiLineString)". I saw on forum that there are not only way to change geometry type: 1) "Convert format" from "processing toolbox" (GDAL-Vector conversion-Convert format), 2) with a script on Windows 7 64bit launched with cmd. Here there is a example: ogr2ogr -f "ESRI Shapefile" E:\Prova\Pippo\test.shp E:\test.shp -dim XY . Outputs of both command are right, but are virtual layers. When i export temporary layers into shapefiles both layers changes from "Line (LineString)" to "Line (MultiLineString)". I tried to use also command v.out.ogr, loaded on postgis the layer, changed the geometry and inserted into QGIS. QGIS showed not Line (LineString). I tried to convert geometry type of layer from multiline to single line inserted z. The geometry type was now singleline with(z). I exported and the output is right but had also z. For this reason i did "Drop M,Z values" and then exported in shapefile, but the result is Line (multiline string). Thanks for support.</p>		

#### History

#1 - 2018-10-26 09:25 PM - Nyal Dawson

- Resolution set to wontfix
- Status changed from Open to Closed

Since QGIS 3.0 line or polygon shapefiles are always loaded into QGIS as multilinestring/multipolygon. If you require a format with single/multi type constraints, you need to use a more modern format like geopackage.