

QGIS Application - Bug report #10047

DXF2SHP Plugin doesn't include elevation of polyline

2014-04-10 05:44 PM - mick fong

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	C++ Plugins	
Affected QGIS version:	2.2.0	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: wontfix
Crashes QGIS or corrupts data:	No	Copied to github as #: 18527
Description		
The DXF2SHP plugin fails include the elevation information of a LWPOLYLINE entity when saving the data. The file dl_dxf.cpp needs the handleLWPolylineData function updated to the allow for processing the groupCode 38 eg the following should work: <pre>/** * - Handles additional polyline data. */ bool DL_Dxf::handleLWPolylineData(DL_CreationInterface /*creationInterface*/){ // Allocate LWPolyline vertices (group code 90): if (groupCode 90) { maxVertices = toInt(groupValue); if (maxVertices > 0) { if (vertices != NULL) { delete[] vertices; } vertices = new double[4*maxVertices]; for (int i = 0; i < maxVertices; ++i) { vertices[i*4] = 0.0; vertices[i*4+1] = 0.0; vertices[i*4+2] = 0.0; vertices[i*4+3] = 0.0; } } vertexIndex = -1; return true; } // Add the elevation as the z point to the vertices[] else if (groupCode == 38) { for (int i = 0; i < maxVertices; ++i) { vertices[i*4+2] = toReal(groupValue); } } // Compute LWPolylines vertices (group codes 10/20/30/42): else if (groupCode 10 groupCode 20 groupCode 30 groupCode 42) { if (vertexIndex < maxVertices - 1 && groupCode == 10)</pre>		

```
{
    vertexIndex++;
}
if ( groupCode <= 30 )
{
    if ( vertexIndex >= 0 && vertexIndex < maxVertices )
    {
        vertices[4*vertexIndex + ( groupCode/10-1 )]
        = toReal( groupValue );
    }
}
else if ( groupCode == 42 && vertexIndex < maxVertices )
{
    vertices[4*vertexIndex + 3] = toReal( groupValue );
}
return true;
}
return false;
}
```

History

#1 - 2017-01-02 02:00 AM - Giovanni Manghi

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

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tool has been removed on master (qgis 3).