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Subject: Creating Polygon Shapefile with IDL

Posted by [Patrick Leinenkugel](#) on Fri, 10 Jun 2011 16:16:05 GMT

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Hello everybody!

It would be very nice if some IDL expert (I am rather a beginner) could help me with the following problem .

I tried to create a polygon shapefile with IDL. The entities of the shapefile are very simple shapes, namely rectangulars with only four vertex. Everything worked out quite well. I got my shapefile with the polygons and their respective attributes. However, when I open the shapefile with ArcGIS, it seems that one edge, namely the edge between the starting vertex and the end vertex is missing, with the implication that GIS processes such as intersecting between the polygons, leads to weird results.

What am I doing wrong? Do I have to 'close' the polygon shapefile by adding a fifth vertex, namely the same vertex as the starting vertex, to the entity? I tried this out but it didn't work either. I am sure there is a very simple solution to this problem. If anybody has the answer, it would be very nice of you to let me know.

Thanks in advance and Cheers!

Patrick

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