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Subject: Re: about DXF format

Posted by [JMZawodny](#) on Mon, 18 Jun 2007 12:23:25 GMT

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On Jun 16, 10:20 pm, airy.ji...@gmail.com wrote:

> no more people would like to discuss this topic?what a pity!

I have had nothing but trouble trying to export DXF files from AutoCAD and read them with IDLffDXF. Some (most) objects never appear and others are improperly positioned or rotated. My limited investigations led me to conclude that while DXF may be an open standard to exchange CAD models, it also allows for the inclusion of proprietary formatting and objects. True, IDL does not support all object types that may occur in DXF files, but this is not the primary problem. If you read the DXF file directly (it's ASCII) you'll note a lot of AutoCAD specific stuff in there that I gather tells AutoCAD more about how to position and orient objects in the model. It would be much more useful to me if IDL could read/write either IGES or STEP files as these are really designed to exchange model geometries. I currently export these types from AutoCAD and translate them to IDL-compatible DXF files using 3rd party software from TechnoSoft (AML).

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