
Subject: Create DXF file out of vertices and connectivities

Posted by [Tukee10](#) on Fri, 25 Jun 2004 21:25:47 GMT

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Hello,

I have following problem: I created the mesh structure of a volume with INTERVAL_VOLUME, which gives me vertices (3,n) and connectivities (1,m). When I display it with XOBJVIEW, I get a wonderful 3d structure. How do I create a DXF file that contains the mesh structure ?

I know that it works with an IDLffDXF object. I tried that with following code:

```
ptr_verts = ptr_new(Verts)
ptr_conn = ptr_new(Conn)
```

```
oDXF = OBJ_NEW('IDLffDXF')
poly = {IDL_DXF_POLYGON}
poly.vertices = ptr_verts
poly.connectivity = ptr_conn
poly.dxf_type = 10
```

```
oDXF->PutEntity, poly
IF (not oDXF->Write('Mesh_Model.dxf')) THEN PRINT, 'Write Failed.'
OBJ_DESTROY, oDXF
```

It creates a DXF file, but when I open the file with AutoCAD, it seems to connect all the point in a strange way.
Is there anyone who has an idea ?

Thanks,

Tukee.
