
Subject: DXF and other CAD file formats

Posted by [Georg Wiora](#) on Thu, 29 Nov 2001 14:15:23 GMT

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Hi everybody,

I have problems using the polyline feature in an IDLffDXF object. I connect 4 points with a line, using the CONNECTIVITY array. When I add this object, I allways get the following message:

% IDLFFDXF::PUTENTITY: DXF error: DXF Polyline: explicit connectivity ignored

For a little test program see the code below.

Does anyone know about this problem?

Is there any other free code to create 3D-CAD-Files formats like STL or IGES or whatever?

Thanks for your help!

Georg

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PRO Write_DXF_Lines

```
dxfl = OBJ_NEW('IDLffDXF')
```

```
; 4 points
```

```
points = DBLARR(3,5)
```

```
points(*,0) = [0,0,0]
```

```
points(*,1) = [1,0,0]
```

```
points(*,2) = [1,1,0]
```

```
points(*,3) = [1,1,1]
```

```
points(*,4) = [0,1,1]
```

```
; Connectivity
```

```
connect = [0,1,2]
```

```
; Create pointers
```

```
ppoints = PTR_NEW(points,/NO_COPY)
```

```
pconnect = PTR_NEW(connect,/NO_COPY)
```

```
; Create a polyline object
```

```
pline = {IDL_DXF_POLYLINE}
```

```
pline.Vertices=ppoints
```

```
pline.Connectivity=pconnect
```

```
pline.Color=256
```

```
pline.DXF_Type=7 ; 7=POLYLINE
```

```
pline.BLOCK="" ; default block
```

```
pline.Layer='0' ; default layer
```

dx->PutEntity, pline

IF NOT dx->Write('test.dxf') THEN \$
MESSAGE,'Write failed',/INFORMATIONAL

; Free pointers
PTR_FREE,ppoints
PTR_FREE,pconnect
OBJ_DESTROY,dx

xdx,'test.dxf'
END
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