
Subject: Re: Low quality with 'IDLgrClipboard' object
Posted by [David Fanning](#) on Mon, 20 May 2002 00:59:01 GMT
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Georg Wiora (georg.wiora@daimlerchrysler.com) writes:

```
> I tried to draw an IDLgrPlot object to an IDLgrClipboard object using
> OClip->draw,oPlot,VECTOR=1
>
> The clipboard contained an EMF/WMF graphics after that operation. But with the clipboard
viewer and after inserting this object
> into a graphics program, it looked quite blocky with big pixels. Obviously it was not inserted as a
vector graphics, but as a
> scalable bitmap.
>
> Is that a documentation problem or am i using wrong parameters? The documentation says,
that the graphics is converted to vector
> primitives, but it does not look like that.
> Increasing the resolution of the Clipboard object does only create finer lines, but not a higher
resolution result.
```

I don't know what might be going wrong. I added the ability to make encapsulated PostScript files to XPLOT this morning. I deliberately set the resolution to 300 DPI, which is *way* too high for the display, although most of the programs I put it in (Microsoft Word, Powerpoint, Photoshop) seemed to be able to resize it well enough. But it printed beautifully and looked nice on the display. I certainly don't see any big, blocky pixels.

I tried it with Windows Enhanced Metafile, too. Didn't look as good on the display, but it also printed OK.

Here is the relevant code:

```
filename = Dialog_Pickfile(/Write, File='xplot.eps')
IF filename NE " THEN BEGIN

    ; Get the dimensions and units of the output window.

    info.thisWindow->GetProperty, Dimensions=theDimensions, $
    Units=curUnits

    ; Create a clipboard with the same dimensions and units.
    ; Set the resolution to 300 DPI for high-resolution printing.
```

```
clipboard = Obj_New('IDLgrClipboard', Dimensions=theDimensions, $  
    Resolution = [0.146991, 0.146991], Units=curUnits, Quality=2)
```

```
; Draw PostScript vector output.
```

```
clipboard->Draw,info.plotView, Filename=filename, $  
    /Vector, /PostScript
```

```
; Clean-up.
```

```
Obj_Destroy, clipboard
```

You can find XPLOT here:

<http://www.dfanning.com/xplot.pro>

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

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