Subject: Re: Contour object quality Posted by basson on Wed, 18 Jun 2003 08:23:24 GMT View Forum Message <> Reply to Message

David Fanning <david@dfanning.com> wrote in message news:<MPG.19538635dc21919f989688@news.frii.com>... > Jacques Basson writes: > >> Thanks David, that put me on the right track! Although it does lead me >> to another question... According to the IDL documentation, the >> resolution for direct graphics is 1000 dots/cm. So when I said that I >> did try all the keywords to IDLgrClipboard, I had tried >> >> contwindow = obj_new('IDLgrClipboard', dimensions=[17.8,12.7], \$ units=2, Resolution=[0.001, 0.001]) >> >> but got the error message >> % OBJ NEW: Window DIMENSION[0] exceeds maximum. Clamping to screen dimensions. >> >> >> (the dimensions of 178mm X 127mm are taken from the direct graphics >> output). 292dpi (which is borderline for high quality printing of lines) >> is the maximum possible resolution that I could get with those

Damn news feed seems to be down (again), so hopefully this posting from google will get through.

>> So it seems like I can't get the direct graphics resolution. However, >> no-one *really* needs 2540dpi, but I can't even get 600dpi, which is a

>> dimensions. And for your 5"x5" plot, the maximum is 409dpi.

> I didn't notice a question in there, but you are

>> noticeable for my required A3 output.

- > correct that the resolution of the IDLgrClipboard
- > is limited. I seem to recall a post from Karl Schultz
- > that addressed this issue, but I haven't been able
- > to find it in 15 minutes of searching. Maybe
- > Karl could help us out again.

Well, "why does it suck so bad?" seems a bit unfair for a question...

- > I suppose you could have better luck using the PRINTER
- > device rather than the clipboard, but I don't have time
- > to try it this morning. I have a truck-load of large
- > rocks showing up in a half hour and my back is already
- > getting sore. :-(

>>

>

Except that the printer that I will be printing on is on a different machine - and last time I tried to setup a PostScript printer and use "print to file", IDL hung the machine :(I have since redone my routine using direct graphics (much quicker than trying to sort out this problem).

>

>> Interestingly, the object eps file was twice the size of the direct

>> graphics eps file (object at 292dpi - direct at 2540dpi).

>

> Only twice as large!? You must really be living right. :-)

Right on the very edge!

Thanks for the help.

Jacques