Subject: Re: ImageMagick option not showing up in Coyote Graphics window
Posted by David Fanning on Tue, 03 Mar 2015 00:25:49 GMT

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allison jaynes writes:

> I tried output with cgControl using:
> 1) PS_FONT=0
> 2) PS_FONT=1
> 3) PS_TT_FONT='Times'
> 4) PS_TT_FONT='Helvetica'
>
> All the same - all have the white lines.
> Plot titles come out the same as using cgText, predictably.
>
> But the tickmark labels are fine! If you use xtickname to give text to the tickmarks, they have NO white lines.
>
> Is this a clue?

On my Windows 7 machine (all updates), with IDL 8.2.3, I run this command:

    IDL> cgplot, cgdemodata(1), Title='This is a Long Title', $
        XTitle='This is Another LONG Title', $
        YTitle='And Still Another Tiitle', $
        Font=0, Output='test_hardware.ps'

I'm viewing the PostScript files in GSView 5.0 at a very high magnification (at least 300 percent).

If I set FONT=0, I see no evidence of lines. If I set FONT=1 (with a Times True-Type font selected), I see evidence of lines in the Plot titles, including the X and Y titles, but not on the number annotations for the axes.

If I set FONT=0, and turn anti-aliasing on in the viewer, the text is smooth. If I turn it off, the text is jagged about the boundaries, as I expect.

If I set FONT=1, then the output (although it has lines from the polygons that made up the title fonts), shows no effect with anti-aliasing on or off. Also, exactly what I would expect.

The lines (or not) from the PostScript file is carried over to the PDF file when I create that from the PostScript file.

If I set FONT=1 and render in 24-bit color in the PostScript device,

there is no difference from doing this in 8-bit color.

If I set FONT=1, LANGUAGE_LEVEL=2, DECOMPOSED=[0 or 1], there is no difference in output.

Any clues there? :-)

Cheers,

David
--
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Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")