
Subject: Re: status of PNG and EPS output from Plot Save method in IDL v8.4?
Posted by [Craig Markwardt](#) on Thu, 24 Jul 2014 22:38:28 GMT

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IDL sizes everything about a plot with respect to the default font size. This includes the plot margins.

The "problem" comes because IDL treats the on-screen display and the PS pixel sizes as being different. IDL actually thinks the EPS canvas is quite a bit larger than the on-screen canvas (relative to the font size), so the plot box takes up a larger amount of space relative to the fonts.

That's something I tried to address in my PXPERFECT procedure.

If you can find the right scale factor for the font size - or equivalently the right scale factor for the X_SIZE and Y_SIZE, you should be able to get perfect output without tweaking anything else.

But I agree it shouldn't be us that has to figure this out. I would prefer if the on-screen canvas were sized to exactly match a printed page by default.

Craig
