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Subject: Re: Font size appearance in function graphics PNG and EPS output

Posted by [David Fanning](#) on Mon, 09 Dec 2013 19:32:41 GMT

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Chris Torrence writes:

- > One other tip - if you aren't trying to edit the EPS files, but you are just embedding them, then you might be better off just going straight to a bitmap file:
- > p.save, 'test.png', BORDER=10, RESOLUTION=600 ; dots-per-inch
- > PNG is a pretty efficient file format, so your files won't be too large. You could even cut the resolution down to 300 depending upon the journal requirements.
- > I also tend to use the BORDER keyword when creating bitmap output. That way I don't have to worry about too much whitespace around the outside of my plots. But that is optional.

My book printer requires figures that can be printed at 300 dpi. I supply them as PNG files embedded into my Framemaker documents. To create the figures, I simply create PostScript output and then convert it to PNG with this command:

```
cgPS2Raster, 'figure.ps', DENSITY=300, RESIZE=100
```

This gives me an image with enough pixels that it looks great when printed at 300 dpi. When I import the image into Framemaker, I have to indicate that it will be printed at 300 dpi. Framemaker then scales it appropriately for the document on the screen and I see it taking up the same relative amount of space on my display as it will in the printed output.

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.")

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