Subject: Trouble using Coyote Graphics library to write PostScript file - keywords from cgps_config aren't accepted by cgps_open

Posted by Jasdeep Anand on Thu, 27 Feb 2014 18:19:39 GMT

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I'm trying to create a PostScript file with the intention of converting it into a 1000x800 pixel .png image (I'm doing this because I'm having difficulty with using WRITE_PNG to output plots with labels in Times New Roman without the words looking pixelated).

To do this I've tried defining a window in IDL and then using cpgs_config to record the necessary window information before passing it to cgps_open, as described on David Fanning's page: http://www.idlcoyote.com/ps_tips/ps_aspect.php, like so:

WINDOW, XSize=1000, YSize=800
dat_window = cgps_config()
cgPS_Open, FILENAME='Test_ps.ps', TT_FONT = 'Times', CHARSIZE = 2.0,_REF_EXTRA = dat_window

However, the program fails at the last line, outputting an error message: "Keyword FONT_SIZE not allowed in call to: CGPS_CONFIG". Is there any way to not have this variable outputted by cgps_config? Alternatively, is there any other way of creating a PostScript file that will convert to a 1000x800 pixel PNG file? I'd be grateful for any advice anyone could give me.