
Subject: Postscript font index mystery (IDL)

Posted by [munter](#) on Thu, 20 Jun 1996 07:00:00 GMT

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I am trying to put axis labels on the graphs that are sent to the screen and postscript plot devices. The screen plots look great. Everything works fine. I performed a `help,/device` command to verify the indices of the different postscript fonts, and make a different axis label when hard copies of the plots are desired. For some reason, the text in the postscript files are coming out in the font index for the screen device.

I put the commands `'help,/device'` and `'print,x_name,y_name,title'` in my program just before the plot statement is executed, and here is the output:

Available graphics_devices: CGM HP LJ NULL PCL PS REGIS TEK X Z

Current graphics device: PS

File: myfile.ps

Mode: Landscape, Non-Encapsulated, EPSI Preview Disabled, Color Enabled

Offset (X,Y): (1.905,26.035) cm., (0.75,10.25) in.

Size (X,Y): (24.13,17.78) cm., (9.5,7) in.

Scale Factor: 1

Font Size: 12

Font Encoding: ISOLatin1

Font: Helvetica

bits per image pixel: 8

Font Mapping:

(!3) Helvetica	(!4) Helvetica-Bold
(!5) Helvetica-Narrow	(!6) Helvetica-Narrow-BoldOblique
(!7) Times-Roman	(!8) Times-BoldItalic
(!9) Symbol	(!10) ZapfDingbats
(!11) Courier	(!12) Courier-Oblique
(!13) Palatino-Roman	(!14) Palatino-Italic
(!15) Palatino-Bold	(!16) Palatino-BoldItalic
(!17) AvantGarde-Book	(!18) NewCenturySchlbk-Roman
(!19) NewCenturySchlbk-Bold	(!20) <Undefined-User-Font>

!7K!Dz!N !7Reflectivity

!7RUN 7770 !C 24-MAY-96 00:55:00 BNL4 400Pd/200Nb/400Pd 10t H, .4deg

My question is: if font index 7 is the Times font, and all of my titles are using font !7, why are they all coming out in the complex greek font that the XWindow device uses as number 7?

Is it something machine specific like IDL needs to use the fonts already existing on the machine, or are the fonts supposed to be internal to IDL?

Thanks for any help on this frustrating problem.

Alan

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