Subject: color printing

Posted by coelke on Fri, 04 Aug 1995 07:00:00 GMT

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Hello,

I'm looking for a way to produce post-script files of a high quality with IDL. So far I produced my window (tv,...) and saved the contents with tvrd(), displayed it in print mode with tv,<window-save> and thus produced a ps-file. But the quality of this method is not great.

Is there any routine for this problem? Thanks,
Christoph

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Christoph Oelke

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Subject: Re: Color Printing

Posted by Martin Schultz on Fri, 02 Jun 2000 07:00:00 GMT

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I can recommend Liam Gumley's imdisp program for this sort of thing. http://cimss.ssec.wisc.edu/~gumley/

Cheers, Martin

Mark Guagenti wrote:

>

- > I was wondering if I could get some help on how to print a direct graphics
- > window in color to my color printer. I load a grayscale image with
- > tvscl and then change the color table. When I print my image it only comes
- > out in B&W. Included is my code that I am currently using to try and print
- > the direct graphics window. Thanks for any help.

>

> -- Mark

>

> Grace and peace to you from God our Father and the Lord Jesus Christ.

```
> 1 Cor. 1:3
>
 PRO riobj::print, event
      ok = Dialog_PrinterSetup()
>
      IF ok THEN BEGIN
>
           snapshot = TVRD()
>
           thisDevice = !D.Name
>
           Set_Plot, 'PRINTER'
>
           plotAspect = Float(self.CurDimX / self.CurDimY)
>
        windowAspect = 11.0 / 8.5
>
        position = Aspect(plotAspect, WindowAspect=windowAspect)
>
        TVScale, snapshot, position=position, /KEEP ASPECT RATIO
>
        Device, /Close_Document
>
        Set_Plot, thisDevice
>
      ENDIF
> END
[[ Dr. Martin Schultz Max-Planck-Institut fuer Meteorologie
             Bundesstr. 55, 20146 Hamburg
                                                \prod
             phone: +49 40 41173-308
                                              [[
[]
             fax: +49 40 41173-298
                                            [[
[[ martin.schultz@dkrz.de
                                            [[
Subject: Re: Color Printing
Posted by wbiagiot on Fri, 02 Jun 2000 07:00:00 GMT
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Try this:
TVLCT, rtable, gtable, btable, /GET; Get current palettes
set_plot, 'PRINTER'
TVLCT, rtable, gtable, btable
<plot</li><plot</li>ommands>
DEVICE, /CLOSE_DOCUMENT
```

Hope this helps.

## Bill B.

**Advanced Testing Technologies** 

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"They don't think it be like it is, but it do."

Oscar Gamble, NY Yankees

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Subject: Re: Color Printing

Posted by Michael Asten on Fri, 02 Jun 2000 07:00:00 GMT

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I'm guessing a problem with settings on your printer driver (do other progs print in color ok?). I regularly print direct graphics in color to a color printer (eg HP1000) under Win95/98 printer drivers, and have no difficulty with color. Maybe try a simple line plot in color just to be sure it is not a problem with your color table conversion on the image.

Regards, Michael Asten

## Mark Guagenti wrote:

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- > window in color to my color printer. I load a grayscale image with
- > tvscl and then change the color table. When I print my image it only comes
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- > -- Mark

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> PRO riobj::print, event

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> ok = Dialog_PrinterSetup()
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> IF ok THEN BEGIN

> snapshot = TVRD()

> thisDevice = !D.Name

- > Set\_Plot, 'PRINTER'
- > plotAspect = Float(self.CurDimX / self.CurDimY)
- > windowAspect = 11.0 / 8.5

```
    position = Aspect(plotAspect, WindowAspect=windowAspect)
    TVScale, snapshot, position=position, /KEEP_ASPECT_RATIO
    Device, /Close_Document
    Set_Plot, thisDevice
    ENDIF
```