
Subject: Re: Problem in creating Postscript of "Transparent Histograms"

Posted by [Phillip Bitzer](#) on Sat, 02 Jul 2011 20:50:54 GMT

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I ran into this problem a couple months back. I couldn't figure out how to use BlendImage with EPS files, as they're not *really* images in the sense that TVImage would handle (well). When I generated images first (say in the buffer), blended them, and stuck that into the EPS file, I lost the "nice-ness" that EPS gives you.

I got around this by using Histoplot (naturally) twice for my EPS file; one call used solid bars for the histogram using the fill keyword, while the second used "transparent" bars by utilizing the line_fill keyword. Something like:

```
HISTOPlot, data, AXISCOLORNAME='black', YTITLE='Number of Sources',  
MAX_VAL=max_cumul_histo, POLYCOLOR='blue', /FILL, DATACOLORNAME='blue'
```

```
HISTOPlot, data2, /OPlot, POLYCOLOR='red', /LINE_FILL, ORIENTATION=[-45, 45],  
SPACING=.1, THICK=3, DATACOLORNAME='red'
```

I stuck this between the very handy PS_Start and PS_End, and it worked just fine, both on screen and in the EPS file.

I should note I have not gone back and tried this with Coyote Graphics (yet), as I was in the middle of generating plots for my dissertation. I should also note I'm fairly certain that I would never had been to complete said dissertation without the help of Coyote. :-)
