
Subject: Re: plot bar graph in Postscript

Posted by [David Fanning](#) on Mon, 30 Jul 2012 12:07:28 GMT

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joa writes:

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> I am trying to plot a histogram. I have both the data and normal coordinates of each rectangle
that makes a bar graph, say, (x0[i],y0[i]),(x1[i],y0[i]),(x1[i],y1[i]),and (x0[i],y1[i]). Then
> for i=0, nt-1 do polyfill,[x0[i],x0[i],x1[i],x1[i]], [y0[i],y1[i],y1[i],y0[i]] , should make the graph. Yes,
it looks fine on an IDL X window. But it does not translate to a Postscript file, in which the some
bars appear slightly shifted in X-direction. I even tried
> for i=0,nt-1 do tv,bytarr(1,1)+120b,x0[i],y0[i],xs=x1[i]-x0[i],ys=y1[i]-y0[i ],/norm (120b is just to
make the bars gray), but the result was the same.
>
> Is this a known feature of IDL? Could you advise how to make uniform bars in Postscript?
```

This is basically how I draw bars in cgHistoplot. I've never seen any kind of a problem in PostScript:

http://www.idlcoyote.com/graphics_tips/histoplot.php

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: plot bar graph in Postscript

Posted by [joa](#) on Wed, 01 Aug 2012 15:22:23 GMT

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On Monday, July 30, 2012 5:07:28 AM UTC-7, David Fanning wrote:

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> David Fanning, Ph.D.  
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> Fanning Software Consulting, Inc.  
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> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/  
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It turns out that the irregular spacing I noted came from ps2pdf and other graphics converter programs. I looked at the results in pdf and gif after the conversion. Even though the graph still does not look nice on ghostview, it is fine on print directly from the postscript file. Thank you for

reminding me that I was doing the right thing.
