
Subject: Trouble resizing image

Posted by [Matthew Argall](#) on Fri, 16 May 2014 00:01:33 GMT

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I created a large window (1200x700) and am using cgPS_Open/Close to create a PNG file. The intermediate postscript file looks fine, but after the convert command is called, the resulting PNG image is missing the margins and much of the axis labels are cut off. cgSnapShot works fine. Any ideas what I am doing wrong?

The convert command used was

```
convert -alpha off -density 300 "/home/user/Desktop/test.ps" -flatten -rotate 90 -resize 25%
"PNG24:/home/user/Desktop/test.png"
```

Links to files that are created are:

<https://dl.dropboxusercontent.com/u/42944960/test.png>

<https://dl.dropboxusercontent.com/u/42944960/test.ps>

Subject: Re: Trouble resizing image

Posted by [David Fanning](#) on Fri, 16 May 2014 01:05:44 GMT

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Matthew Argall writes:

> I created a large window (1200x700) and am using cgPS_Open/Close to create a PNG file. The intermediate postscript file looks fine, but after the convert command is called, the resulting PNG image is missing the margins and much of the axis labels are cut off. cgSnapShot works fine. Any ideas what I am doing wrong?

My guess would be using the Encapsulated keyword, but I would have to see the command.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

Subject: Re: Trouble resizing image

Posted by [Matthew Argall](#) on Fri, 16 May 2014 01:39:57 GMT

> I would have to see the command.

The same thing happens with this:

```
IDL> window, XSIZE=1200, YSIZE=700
IDL> cgPS_Open, '/home/user/Desktop/test.ps'
PostScript output will be created here: /home/user/Desktop/test.ps
IDL> cgPlot, findgen(100), XTITLE='X-Axis', YTITLE='Y-Axis', TITLE='Title', POSITION=[0.09,
0.1, 0.9, 0.93]
IDL> cgPS_Close, /PNG, /SHOWCMD, DELETE_PS=0
ImageMagick CONVERT command: convert -alpha off -density 300 "/home/user/Desktop/test.ps"
-flatten -rotate 90 -resize 25% "PNG24:/Users/argall/Desktop/test.png"
Output file located here: /home/user/Desktop/test.png
```

Subject: Re: Trouble resizing image

Posted by [David Fanning](#) on Fri, 16 May 2014 02:12:00 GMT

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Matthew Argall writes:

> The same thing happens with this:
>
> IDL> window, XSIZE=1200, YSIZE=700
> IDL> cgPS_Open, '/home/user/Desktop/test.ps'
> PostScript output will be created here: /home/user/Desktop/test.ps
> IDL> cgPlot, findgen(100), XTITLE='X-Axis', YTITLE='Y-Axis', TITLE='Title', POSITION=[0.09,
0.1, 0.9, 0.93]
> IDL> cgPS_Close, /PNG, /SHOWCMD, DELETE_PS=0
> ImageMagick CONVERT command: convert -alpha off -density 300
"/home/user/Desktop/test.ps" -flatten -rotate 90 -resize 25%
"PNG24:/Users/argall/Desktop/test.png"
> Output file located here: /home/user/Desktop/test.png

Yeah, don't know. Just needs more space, I guess. PostScript output is not really WYSIWYG. Is there a reason you want the axes so close to the edge of the plot "window"?

Cheers,

David

--

David Fanning, Ph.D.

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Subject: Re: Trouble resizing image

Posted by [Matthew Argall](#) on Fri, 16 May 2014 14:11:04 GMT

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> Is there a reason you want the axes so close to the edge of the plot "window"?

Not really, I guess. I increased the margins and everything is working fine.

I think the problem is similar to one in the link, but I have been playing around for a while and have not been able to get the results I am after. Not familiar enough with IM...

<http://stackoverflow.com/questions/14074840/margins-disappear-in-pdf-png-conversion-with-imagemagick>

Subject: Re: Trouble resizing image

Posted by [David Fanning](#) on Fri, 16 May 2014 14:27:12 GMT

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Matthew Argall writes:

> I think the problem is similar to one in the link, but I have been playing around for a while and have not been able to get the results I am after. Not familiar enough with IM...

>

> <http://stackoverflow.com/questions/14074840/margins-disappear-in-pdf-png-conversion-with-imagemagick>

Yes, sounds like that could be it. You can pass these ImageMagick command parameters along when you call `cgPS_Close` or `cgPS2Raster`, using the `IM_OPTIONS` keyword.

Cheers,

David

--

David Fanning, Ph.D.

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