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Subject: Re: cgcontour not outputting?

Posted by [David Fanning](#) on Thu, 26 Jul 2012 22:18:05 GMT

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Kat writes:

> So I'm trying to output this contour plot that i'm making using cgContour. Code below:  
>  
> cgContour,aa,x(ix),y(iy),\$  
>       xrange=xrange2, yrange=yrange2, aspect=asp,\$  
>       /Fill, /Outline,\$  
>       xstyle=1, ystyle=1, label=2,\$;c\_labels=levels,\$  
>       levels=levels, C\_colors=Indgen(numLevels(1))+1,\$  
>       output='PS',\$  
>       outfile=s.filename+'\_'+month+day+'\_'+hour+'\_'+contour.p s',\$  
>       /Window  
>  
> Did I do this incorrectly?

Oh, wait! I see you are trying to put this into a cgWindow.  
Yes, you can't specify the output filename \*AND\* put the  
commands in a cgWindow.

The correct commands to do put the contour command into a  
resizeable graphics window, and then create a PostScript file  
from the command is this:

```
cgContour,aa,x(ix),y(iy),$  
xrange=xrange2, yrange=yrange2, aspect=asp,$  
/Fill, /Outline, label=2, $  
levels=levels, C_colors=Indgen(numLevels(1))+1, /Window  
cgControl, output=s.filename+'_'+month+day+'_'+hour+'_'+contour.ps'
```

You don't need the [XY]Style keywords. cgContour always  
does this. You don't need OUTPUT and OUTFILENAME, if you  
are just outputting the contour command to a PostScript file:

```
cgContour,aa,x(ix),y(iy),$  
xrange=xrange2, yrange=yrange2, aspect=asp,$  
/Fill, /Outline, label=2, $  
levels=levels, C_colors=Indgen(numLevels(1))+1, $  
Output=s.filename+'_'+month+day+'_'+hour+'_'+contour.ps'
```

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>  
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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