
Subject: Re: cgcontour not outputting?

Posted by [David Fanning](#) on Thu, 26 Jul 2012 22:10:54 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?

>

> I also tried defining the filename right in output, like so

>

```
> 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=s.filename+'_'+month+day+'_'+hour+'_'+contour.ps',$  
>         /Window
```

>

> but did not work.

>

> For my own sanity, I did a CD, CURRENT=curr and printed out my working directory to make sure it wasn't outputting somewhere in the abyss of my computer. Working directory was good.

>

> Any help is greatly appreciated :)

But no error messages, and no message in your command output log that tells you where the output file is located?

Most strange! It doesn't seem to be running at all!!

I trust you are running a *current* (i.e, last couple of days) version of cgContour? :-)

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: 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',\$

> outfilename=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

--

David Fanning, Ph.D.

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Subject: Re: cgcontour not outputting?

Posted by [Oana Coman](#) on Thu, 26 Jul 2012 22:36:37 GMT

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Good timing! I was just about to say that I discovered it fails whenever I use /Window haha
Thanks!

On Thursday, July 26, 2012 3:18:05 PM UTC-7, David Fanning wrote:

> Kat writes:

>
> > So I'm trying to output this contour plot that i'm making using cgContour. Code
below:

```
> &gt;  
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> &gt;          levels=levels, C_colors=Indgen(numLevels(1))+1,$  
> &gt;          output='PS',$  
> &gt;          outfile=s.filename+'_'+month+day+'_'+  
9;_'+hour+'_'+contour.ps&am p;,$  
> &gt;          /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+&am
p;#39;_'+hour+'_'+'contour.p s'
>
> 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:
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> cgContour,aa,x(ix),y(iy),\$
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> /Fill, /Outline, label=2, \$
> levels=levels, C_colors=Indgen(numLevels(1))+1, \$
> Output='s.filename+'_'+month+day+&am
p;#39;_'+hour+'_'+'contour.p s'
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
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