Subject: Re: contour plots
Posted by David Fanning on Mon, 09 Aug 2004 13:15:32 GMT
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## Hans Clarke writes:

- > I also want to know how to transfer the generated plot to a postscript
- > file. Can you help me?

Well, just execute the commands after you have switched to the PostScript device driver:

```
thisDevice = !D.Name
Set_Plot, 'PS'
Device, Filename='myplot.ps'

OpenR, lun, 'yourfile.dat', /Get_Lun
rows = File_Lines('yourfile.dat)
header = "
data = FltArr(3,rows-1)
ReadF, lun, header, data
Free_Lun, lun
f = Reform(data[0,*])
period = Reform(data[1,*])
gamma = Reform(data[2,*])
Contour, gamma, period, f, /Irregular, NLevels=10

Device, /Close_File
Set_Plot, thisDevice
```

There are lots of things to know about configuring the PostScript device with the DEVICE command, but I typically just use my program PSCONFIG to allow the user to do it interactively. Saves a lot of wear and tear. :-)

```
keywords = PSConfig(Cancel=cancelled)
IF cancelled then RETURN
thisDevice = !D.Name
Set_Plot, 'PS'
Device, _Extra=keywords
```

You can find the programs for PSCONFIG here:

http://www.dfanning.com/programs/psconfig.zip

Cheers,

## David

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Coyote's Guide to IDL Programming: http://www.dfanning.com/