Subject: Re: problems with contouring in a for loop Posted by Mick Pope on Thu, 02 Sep 2004 05:39:33 GMT View Forum Message <> Reply to Message

Hi David,

there seems to be a problem if I had an array and I want to contour say array(0,*,*). If I plot this outside of the loop by specifying my ith position explicitly, and then loop from 1,n-1 then I am ok! Wierd.

I've also had issues doing the following

```
plot a map projection
plot shaded contours
plot line contours
plot the map again (since it is erased - even with /noerase)
```

Finally, by using /advance and !p=, etc... I worked it out! Nothing complicated is ever simple!

Cheers

```
Mick....
"David Fanning" <davidf@dfanning.com> wrote in message
news:MPG.1ba034286801fbf2989876@news.frii.com...
> Mick Pope writes:
>
>>
>> I have this wierd problem with for loops. I have a 3D array of data and
>> want to plot 2D slices using a for loop and then contour the array.
Guess
>> what - it tells me that Array dimensions must be greater than 0.
>>
>> So I take a 2D array and substitute it for my reduced 3D array, inside
>> for loop. Same error message!!!!!
>> What gives?
>
> I'd guess you have an extra dimension of 1 hanging
> around, but it is hard to say without seeing some code.
> A "HELP, array2D" before the contour command might
> help. :-)
>
> Cheers,
>
```

- > David
- > --
- > David Fanning, Ph.D.
- > Fanning Software Consulting, Inc.
- > Coyote's Guide to IDL Programming: http://www.dfanning.com/