Subject: Re: Openw and printf
Posted by David Fanning on Fri, 02 Nov 2007 19:20:02 GMT
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StevenM writes:

> I have a 3D array [x,y,z] and I am trying to write one column to a
> file. My problem arises when I try to export the z dimension, the
> output file has gaps between each data point, in the other dimensions
> there are no gaps. Can anyone help me with how to get rid of the
> gaps.

Did you create this file on a PC and open it on a UNIX
machine? If so, I would try running dos2unix on it. This
looks more like a file transfer problem to me, than a file
writting problem. Did you use some kind of format statement?

Cheers,

David

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

Subject: Re: Openw and printf
Posted by StevenM on Sun, 04 Nov 2007 12:27:09 GMT
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Hi David

Thanks for the reply, no it was all done on a PC. I get the same
problem using the print command: the data in the z dimension has
spaces. And no I haven't used a format statement.

all the best

Steven

Subject: Re: Openw and printf
Posted by Foldy Lajos on Sun, 04 Nov 2007 13:54:57 GMT
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On Fri, 2 Nov 2007, StevenM wrote:

> Hello Everybody,
>
> I have a 3D array [x,y,z] and I am trying to write one column to a
> file. My problem arises when I try to export the z dimension, the
> output file has gaps between each data point, in the other dimensions
> there are no gaps. Can anyone help me with how to get rid of the
> gaps.
>
> thanks
>
> Steven
>
> ps the output data looks like this
>
> 4
>
> 6
>
> 7
>
> 8
>
> when I would like
>
> 4
> 6
> 7
> 8
>
>

REFORM() will solve this:

IDL> a=indgen(2,3,4)
IDL> print, a[*,0,0]
       0   1
IDL> print, a[0,*,0]
       0
       2
       4
IDL> print, a[0,0,*]
       0

       6

       12

```
     18
IDL> print, reform(a[0,0,*], 1,4)
     0
     6
    12
    18
```

regards,
lajos

Subject: Re: Openw and printf
Posted by Spon on Mon, 05 Nov 2007 11:40:11 GMT
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