Subject: Re: formatting array output?
Posted by Murat Maga on Thu, 30 Jan 2003 22:09:03 GMT

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Kenneth Bowman wrote:
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> In article <3E394CDD.8F9B0C65@mail.utexas.edu>,
  Murat Maga <maga@mail.utexas.edu> wrote:
>> Hi All,
>> I have an integer array (2000x1000) which I would like to write in file
>> in the typical matrix convention. I think IDL breaks the line at 80th
>> column and everything starts to look quite messy.
>> To format an array output, do I use the print/printf, or are there any
>> other tricks good to know?
>> Best.
>> Murat
> Use a portable binary format like netcdf or hdf. You aren't really
> planning to read the file, are you?
>
> id = NCDF OPEN('newfile')
> d1 = NCDF_DIMDEF(id, 'dim1', 2000)
> d2 = NCDF_DIMDEF(id, 'dim2', 1000)
vid = NCDF_VARDEF(id, 'matrix', [d1, d2], /LONG)
> NCDF CONTROL, id, /ENDEF
> NCDF_VARPUT, id, 'matrix', matrix
> NCDF CLOSE, id
> Ken Bowman
```

Thanks for the answers everybody. Yes I do need to use an ASCII format, HDF is not an option for me. I also need to parse the file manually -at least partially-, that is the other reason.

```
printf, 2, '$(2000F)'
command is actually all i need. But I have one other silly question,
what if the size of the array is parametric? I tried to put the variable
name but that didnt work. Just for the record, I come from neither C nor
fortran school. No programming skills, unfortunately. I measure bones
:-)
Best,
Murat
```