
Subject: Re: Saving array into column fomratted text file
Posted by on Wed, 16 Apr 1997 07:00:00 GMT
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Mila Mitra wrote:

I have IDL arrays, that I would like to write out to a text file so that it retains the dimensionality in the form of rows and columns.
For example, if I have an array test(360,180), I would like to write it out to a text file with 360 columns and 180 rows.
Anyone have any better suggestions than the solution I am using below:

```
openw,1,'output_file'  
printf,1,test,format='(360f6.2)'  
close,1
```

I have found programs in IDL on the net that read column formatted files,
but havent found any that write out to columns.
I would appreciate any tips.

Thanks,
Mila Mitra

Hi Mila,
the way you suggest is right. for more flexibility try

```
columns=n_elements(data(*,0))  
format_string= '(' + strtrim(string(columns),2) + 'f9.4)'  
  
openw,/get_lun,file_unit,out_file  
    printf,file_unit,data,format=format_string  
free_lun,file_unit
```

There are possibly more ways to do it, but this is straight forward and no effort.
Have a nice time

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