Subject: Re: Writing 2D array to Text File
Posted by Jean H. on Fri, 21 Aug 2009 19:09:24 GMT
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Vikram wrote:
> Hello IDL Gurus,
>
> I would like to write a 2D array that I have [120,120], to a text
> file. When I write the array out now, everything appears in 1 column
> with 14400 rows:
>
> for i = 0,119 do begin
>   for j = 0,119 do begin
>   PRINTF,lun,array[i,j]
>   endfor
> endfor
>
> Is there anyway that I can format my PRINTF to print 120 columns and
> 120 rows, for viewing in Excel. Any ideas?
>
> Thanks,
> Vikram

Vikram,

you can play with the format keyword...
something like this:

print, a, format='(120(A,","))'   ==> will put a comma after each value

or

print, a, format='(120A)'   ==>will write by 120 cols.

So, in your case, just remove the loops...

PRINTF,lun,array, format = '(120A)'

You can even change the 120 by n_elements(array[*,0]) etc

Jean