
Subject: Re: writing ascii files (with really long lines...)
Posted by [Craig Markwardt](#) on Sat, 01 Mar 2003 02:24:10 GMT
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"CelticBlues" <idluser@celticblues.com> writes:

> I have an image which I need to dump to an ascii file.... yes, it has to be
> ascii. Before any suggestions concerning an alternate output format are
> made, let me say that I am stuck with this format. But I wish it were other
> wise. The images are 148 rows x 1092 columns and what I output will be
> floating point values.
>
> I know that the program that will read this text file, expects to be able to
> read an entire row, and only one row, of the data, at a time. It uses MFCs
> CStdioFile::ReadString to read one line at a time then does a sscanf on it
> to get the data out of the string. I can't change how this code reads the
> file in either.....
>
> My question is ... can I do this and if so ...how? I have tried various
> methods, but each seems to wrap the line.

If your question is, how to prevent wrapping, then you probably want
to use an IDL format code to specify exactly the format you need.
With FORMAT, gratuitous carriage returns should not be inserted.

I think there is some internal limit to the number of characters
possible to output in a single call to PRINT. In that case, you may
need to print each row with several calls to PRINT. The '\$' format
code should do the trick there.

Good luck,
Craig

--

Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

Subject: Re: writing ascii files (with really long lines...)
Posted by [David Fanning](#) on Sat, 01 Mar 2003 15:11:48 GMT
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CelticBlues (idluser@celticblues.com) writes:

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> file in either.....
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> My question is ... can I do this and if so ...how? I have tried various
> methods, but each seems to wrap the line.

Something like this ought to work:

```
OpenW, lun, 'mydata.dat', /Get_Lun, Width=1092*10  
FOR j=0,147 DO Printf, lun, image[*,j], Format='(1092F9.2)'  
Free_Lun, lun
```

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

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Subject: Re: writing ascii files (with really long lines...)
Posted by [Rick Towler](#) on Mon, 03 Mar 2003 18:02:19 GMT
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"Craig Markwardt" wrote...

> I think there is some internal limit to the number of characters
> possible to output in a single call to PRINT.

Yes, there is a limit. I never took the time to determine the exact number
but it is somewhere around 12500 characters. I know that 12450 works.

-Rick