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Subject: Saving problems

Posted by [thiel](#) on Tue, 03 Nov 1998 08:00:00 GMT

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Hi!

I'm facing a problem with an array of size 150\*441 (and this is only the smallest array I'm working with). I need to save this array in a dat files for further analysis. My problem is that IDL only creates five columns in my saved file.

I'm using printf to save my file, but writeu doesn't work better. Is there any limitation in saving big arrays?

Anyone some ideas?

Thanx i.a.

Karsten

P.S. Im not working very long with IDL, so maybe I'm just making stupid mistakes, but I don't have much time to improve my knowledge.

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Subject: Re: Saving problems

Posted by [davidf](#) on Wed, 04 Nov 1998 08:00:00 GMT

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Karsten Thiel (thiel@physik4.gwdg.de) writes:

> Excuse me again, but there's another problem ;-)  
>  
> On Tue, 3 Nov 1998 08:45:54 -0700, davidf@dfanning.com (David Fanning)  
> wrote:  
>  
>> IDL uses 80 column widths by default. If you would like some  
>> other width, use the WIDTH keyword when you open the file  
>> for writing.  
> Ok, that's right, but if I write i.e.  
> openw, ostream, 'matrix.dat', /width=500  
> I always receive a syntax error ?!?!?  
>  
> Jesus, IDL makes life really hard.

Life's always hard if you can't invest some time figuring it out. :-)

openw, ostream, 'matrix.dat', width=500

Cheers,

David

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

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Subject: Re: Saving problems  
Posted by [David Kastrup](#) on Wed, 04 Nov 1998 08:00:00 GMT  
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thiel@physik4.gwdg.de (Karsten Thiel) writes:

> Excuse me again, but there's another problem ;-)  
>  
> On Tue, 3 Nov 1998 08:45:54 -0700, davidf@dfanning.com (David Fanning)  
> wrote:  
>  
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>> for writing.  
> Ok, that's right, but if I write i.e.  
> openw, ostream, 'matrix.dat', /width=500  
> I always receive a syntax error ?!?!?

Well, it looks like a syntax error to me, too. Try  
openw, ostream, 'matrix.dat', width=500

--

David Kastrup                                      Phone: +49-234-700-5570  
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Institut für Neuroinformatik, Universitätsstr. 150, 44780 Bochum, Germany

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Subject: Re: Saving problems  
Posted by [R.Bauer](#) on Tue, 24 Nov 1998 08:00:00 GMT  
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Darth Vader wrote:

> Hi!  
> I'm facing a problem with an array of size 150\*441 (and this is only  
> the smallest array I'm working with). I need to save this array in a  
> dat files for further analysis. My problem is that IDL only creates

> five columns in my saved file.  
> I'm using printf to save my file, but writeu doesn't work better. Is  
> there any limitation in saving big arrays?  
> Anyone some ideas?  
> Thanx i.a.  
>  
> Karsten  
>  
> P.S. Im not working very long with IDL, so maybe I'm just making  
> stupid mistakes, but I don't have much time to improve my knowledge.

Is it necessary to save the data in plain ascii. If not try  
save,file='data\_file.sav',data\_varisble

Limitatations for ASCII.

A string length is only 32767 signs.  
If you like to make a formatted output it's only possible to format at  
once 1024 values.  
Always if you use format the data is handled as string.

R.Bauer

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