
Subject: Re: Saving problems

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

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thiel@physik4.gwdg.de (Darth Vader) writes:

> 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 colums in my saved file.

You could not be experienceing the following problem?

```
IDL> print,150*441
614
```

> 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.

In that case, you need to work "long", namely do something like

```
IDL> print,150L*441
66150
```

or more verbose

```
IDL> print,long(150)*441
66150
```

--

David Kastrup

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Subject: Re: Saving problems

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

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Darth Vader (thiel@physik4.gwdg.de) writes:

> 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 colums in my saved file.

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.

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

No.

- > 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.

Pity.

Cheers,

David

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Subject: Re: Saving problems
Posted by [thiel](#) on Wed, 04 Nov 1998 08:00:00 GMT
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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.

Cheers
Karsten