
Subject: Re: newbie's question for writing files
Posted by [geonline714](#) on Tue, 17 Apr 2007 19:43:40 GMT
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Oh, my. Thank you so much. David. It seems that it really need high IQ to learn IDL. :)

Sincerely,
Qi

>
> Just throw in an extra set of parentheses. :-)
>
> `printf, 1, X, format='((I0,100(2X,:,F0)))'`
>
> Cheers,
>
> David
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: newbie's question for writing files
Posted by [David Fanning](#) on Tue, 17 Apr 2007 20:19:02 GMT
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geonline714@gmail.com writes:

> I have a question that need your kind help:
>
> I have an array X with 101 columns and want to output the first
> column to integer format and the rest 100 columns to float format:
>
> `OPENW,1,'test.txt'`
> `printf, 1, X, format='(I0,100(2X,:,F0))'`
> `close, 1`
>
> However, because I used the group specification, format control
> reverts to the group repeat specification whose opening parenthesis
> matches the next-to-last closing parenthesis of the format string. So,
> the data are output to float format except the first line. Would you
> please give me some advices for fixing this problem? Thanks
>
> Maybe I cannot use group specification here.

Just throw in an extra set of parentheses. :-)

```
printf, 1, X, format='((I0,100(2X,:,F0)))'
```

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: newbie's question for writing files

Posted by [David Fanning](#) on Tue, 17 Apr 2007 22:22:27 GMT

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geonline714@gmail.com writes:

> Oh, my. Thank you so much. David. It seems that it really need high IQ
> to learn IDL. :)

Well, I'm pretty sure you knew more about this subject when the day started than I did. I just read the manual and started fooling around. The main difference between us is probably that I'm not afraid to do something dumb at the IDL command line. :-)

Cheers,

David

P.S. Not that I would usually admit it, you understand.

When I report a result, I try hard to make it look like

I'm a genius. :-)

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: newbie's question for writing files

Posted by [JD Smith](#) on Mon, 23 Apr 2007 17:04:27 GMT

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On Tue, 17 Apr 2007 15:22:27 -0700, David Fanning wrote:

> geonline714@gmail.com writes:

>

>> Oh, my. Thank you so much. David. It seems that it really need high IQ

>> to learn IDL. :)

>

> Well, I'm pretty sure you knew more about this subject

> when the day started than I did. I just read the manual

> and started fooling around. The main difference between

> us is probably that I'm not afraid to do something dumb

> at the IDL command line. :-)

>

> Cheers,

>

> David

>

> P.S. Not that I would usually admit it, you understand.

> When I report a result, I try hard to make it look like

> I'm a genius. :-)

This was a new trick for me... I end up with various loops to do things like this. Any chance of putting it together into a tutorial?

JD
