## Subject: Re: newbie's question for writing files Posted by geonline714 on Tue, 17 Apr 2007 19:43:40 GMT View Forum Message <> Reply to Message

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/

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

geonline714@gmail.com writes:

```
> I have a question that need your kind help:
> I have an arrary 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.

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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 View Forum Message <> Reply to Message

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