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Subject: newbie's question for writing files  
Posted by [geonline714](#) on Tue, 17 Apr 2007 18:19:11 GMT  
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Dear all,

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.

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Subject: Re: newbie's question for writing files  
Posted by [David Fanning](#) on Mon, 23 Apr 2007 18:44:07 GMT  
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JD Smith writes:

> 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?

I'm pretty jammed up this week, what with preparing a new IEPA exam and all, but I'll put it on the list. :-)

Cheers,

David

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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.")

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Subject: Re: newbie's question for writing files  
Posted by [David Fanning](#) on Wed, 25 Apr 2007 16:13:01 GMT  
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JD Smith writes:

> 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?

Well, yikes! When I sat down to write an article about this  
I found Coyote had already written something and put it on  
my web site without my noticing:

[http://www.dfanning.com/fileio\\_tips/repeatfmt.html](http://www.dfanning.com/fileio_tips/repeatfmt.html)

Cheers,

David

P.S. Since that article doesn't really have Coyote's, uh,  
\*flair\*, it may be I wrote it and then forgot about it. :-)

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