
Subject: Re: Group specification of format codes on data of varying dimensions

Posted by [Michael Galloy](#) on Mon, 09 Jun 2008 14:33:38 GMT

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cgoethel@igpp.ucla.edu wrote:

> Hi All,

>

> I am having trouble figuring out how to use group specification of

> formats when my data has varying dimensions. For example:

>

> for i = 0l, c-1 do begin

> printf, lun, time_string, data[i,*], format='(12a,

> ncol(2x,e10.15))'

> endfor

>

> I would like to repeat the format (2x,e10.15) for the number of

> columns in data[i,*]. However, the number of columns varies. When I

> use a variable in the format statement, I get the error 'Expected

> comma or slash'.

> Any suggestions on how to handle this?

Build your format string using string operations:

```
format = '(12a, ' + strtrim(ncol, 2) + '(2x,e10.15))'
```

```
printf, lun, time_string, data[i,*], format=format
```

If you can construct it outside the loop, even better.

Mike

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