
Subject: Re: idl readf error

Posted by [David Fanning](#) on Sat, 14 Feb 2009 04:17:02 GMT

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rollo.tomasi@hotmail.com writes:

```
> Here's what I have:
>
> IDL> openr, 1, 'file1.out'
> IDL> h = strarr(5)
> IDL> readf, 1, h
> IDL> close, 1
> IDL> for j=0,4 do print, h[j]
> T    U    17.81 201   145225.9
> T    U    37.67 191   98975.8
> T    U    21.77 201   129774.9
> T    I     0.65  1     69.5
> T    I     0.36  1     69.3
>
> By doing this I noticed that the values in the last column get pretty
> large, so I changed the format to
> format='(2A2, G7.2, G7.2, G10.2)'
>
> And I still get the same error.
>
> The largest values in the numerical columns are:
> column 3: 272.23
> column 4: 1000
> column 5: 145225.9
```

OK, well, as I expected, that format does not correspond to what is in the file. And I am still mystified as to why it worked (if it did) initially. The format looks to me to be something more like this:

```
format='(2(A1,7x),F5.2,3x,I3,5x,G8.2)'
```

Try that and see if you have better luck. :-)

Here is the code I used to read the first line:

```
IDL> openr, 1, file
IDL> a="" &b = "" & c=0.0 & d=8 & e=0.0
IDL> readf, 1, a, b, c, d, e, format='(2(A1,7x),F5.2,3x,I3,5x,G8.2)'
IDL> print, a, b, c, d, e
TU   37.6700   191   98975.8
```

Cheers,

David

--

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

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