
Subject: Re: readf,1,format=

Posted by [David Fanning](#) on Sat, 08 Dec 2007 22:01:01 GMT

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woopik@interia.pl writes:

```
> i have a question
> i have in a txt file some data
> 48883  149.55579541  12.44483936
> ....          ....          ....
> when i read a entire line
> line="
> readf,1,line
> print,line
> i get a good output
> 48883  149.55579541  12.44483936
>
> but when i read data like this
> ttab = MAKE_ARRAY(nlines,3,/DOUBLE)
> ...
> FMTp='(I5,2X,D13.8,2X,D13.8)'
> for i=1,nlines do begin
>   READF,1,FORMAT=FMT,I1,I2,I3
>   ttab[i-1,0]=I1 & ttab[i-1,1]=I2 & ttab[i-1,2]=I3
> endfor
> and i print them
> print,FORMAT=FMTp,ttab[0,0], ttab[0,1],ttab[0,2]
> i get
> 48883  149.55580139  12.44483948
> and this is not the same it should be
> 48883  149.55579541  12.44483936
>
> why ?
```

Well, if this code is correct, I would say because you didn't use the same format on your READF command as you did on your PRINT command. So, I think the numbers were read in as floats, not doubles. If I use the same format both places, no worries. :-)

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.")
