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Subject: Re: reading in a long line of data

Posted by [edward.s.meinel@aero](mailto:edward.s.meinel@aero) on Fri, 09 May 2008 14:03:03 GMT

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OK, I must be missing something. Doesn't READ\_ASCII work on this type of file?

Ed

On May 8, 12:56 pm, te...@atmsci.msrc.sunysb.edu wrote:

```
> Sorry, maybe I should have been more explicit. The data is not
> unformatted but I tried that because otherwise I get an error messege:
>
> Input line is too long for input buffer of 32767 characters.
>
> Ben, thanks for your suggestion, but I also get that error messege
> trying your suggestion.
>
> To be more explicit, each line of data looks something like this
> (where there are 2520 columns):
>
> 1.0117065e+003 1.0114794e+003 1.0112352e+003 1.0110832e+003
> 1.0109401e+003 ...
>
> Thanks,
>
> Howard
>
> On May 8, 12:43 pm, David Fanning <n...@dfanning.com> wrote:
>
>> te...@atmsci.msrc.sunysb.edu writes:
>>> Hi, I am trying to read in a long line which has around 2520 values
>>> all in scientific notation (ie 1.2E+02, etc). I tried the following:
>
>>> x=strarr(2520)
>>> x[*]='12345678'
>>> readu,unit,x
>
>>> Then converting to floating point. This doesn't seem to work since
>>> the data is in scientific notation. Does anyone have any suggestions?
>
>> I would suggest less fuzzy thinking. :-)
>
>> What is a "line" of data? Computers don't do
>> "around" or "about" anything. They are like
>> children. They have to be told explicitly.
>
>> Cheers,
```

>  
>> David  
>  
>> P.S. Do you know anything more exact about this data?  
>> Do you know, for example, if it is really saved in  
>> an unformatted data file?  
>  
>> --  
>> 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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