
Subject: Re: Can't find the end of a text file
Posted by [wlandsman](#) on Wed, 06 Feb 2013 18:00:06 GMT
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The way your code is written, IDL will try to read 7 numbers, even if it has to continue over multiple lines. So if your file has 7 numbers per line, and ends in a blank line, then IDL will give an "end of file" error, since it can't read 7 numbers in the last line.

I would read each line into string, to be sure you are reading one line at time.

--Wayne

P.S. I would suggest the following coding changes for the loop -- the most important change being subscripting with square brackets!

```
while ~EOF(Unit) do begin
    readf,Unit,temp
    data[0,count]=temp
    count++
endwhile
```

On Wednesday, February 6, 2013 12:13:59 PM UTC-5, kisCA wrote:

```
> Hi there,
>
> I got a weird problem. I am trying to read a text file with a six lines header and then a number of
lines that I tried to know with:
>
>     count=0
>
>     mxnum=7000
>
>     temp=fltarr(7)
>
>     data=fltarr(7,mxnum)
>
>     while EOF(Unit) eq 0 do begin
>
>         readf,Unit,temp
>
>         data(*,count)=temp(*)
>
>         count=count+1
>
>     endwhile
>
> In the middle of the loop, I got this error
```

>
> READF: End of file encountered.
>
>
>
>
> The problem is solved when I delete the last empty line of the file.
>
> And by the way, when I read and print line by line there is an empty line every two lines that I don't see when I open the file with Notepad.
>
>
>
> Anyone had this problem before ?
>
>
>
> Thank you for your help

Subject: Re: Can't find the end of a text file
Posted by [kisCA](#) on Wed, 06 Feb 2013 18:30:01 GMT
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I already try to do as you suggest: reading lines as a string but that is where the "extra" weird blank line I told you about in my first post come in ...

Subject: Re: Can't find the end of a text file
Posted by [wlandsman](#) on Wed, 06 Feb 2013 19:26:25 GMT
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I might convert the string to bytes and look for control characters. For example, when IDL prints a blank line, is it really blanks (32B) or is it a line feed (10b) or carriage return (13b)? Possibly your editor ignores the control characters but IDL doesn't -- just a guess. --Wayne

On Wednesday, February 6, 2013 1:30:01 PM UTC-5, kisCA wrote:

> I already try to do as you suggest: reading lines as a string but that is where the "extra" weird blank line I told you about in my first post come in ...
