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