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Subject: Re: Readf and line lenght limit

Posted by knipp on Fri, 19 Mar 1993 10:54:16 GMT

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In article LG5@news.cis.umn.edu, patel@euler.ee.umn.edu (Maqbool Patel) writes:

> I am reading a file with the following line

>  
> while (not eof(lun)) do begin  
> if(temp eq 'nt') then readf,lun,nnt  
> print,ni  
> end  
>  
> I get an error message like:  
>  
> % Input line is too long for input buffer of 2048 characters.  
> % READF: Error encountered reading from file. Unit: 119  
> File: /home/users/patel/csi\_data/fw2dcsi.fid/procpar  
> % Execution halted at READPROCPAR <read\_procpar.pro( 54)> (READF).  
> % Called from \$MAIN\$  
>  
> ...

Try to read in the file as a byte-array:

```
; (assume file contains 3 lines:  
; 1st with one char. \  
; 2nd with 2001 char.s + <cr>  
; 3rd with 4002 char.sp / )
```

```
openr, unit, file, /get_lun ; open, get filesize, read, close  
f_info = fstat(unit)  
i = assoc(unit,bytarr(f_info.size))  
byte_text = i(0)  
free_lun, unit
```

```
help,byte_text  
BYTE_TEXT      BYTE    = Array(6007)
```

```
pos = where(byte_text eq 10b) ; find carriage-returns: <cr> = 10b  
help, pos  
POS      LONG    = Array(3)  
print, pos  
1      2003    6006
```

```
t1=string(byte_text(0:1)) ; re-arrange, convert to string  
t2=string(byte_text(2:2003))  
t3=string(byte_text(2004:6006))  
print, strlen(t1), strlen(t2), strlen(t3)
```

There may be a more sophisticated way, but this works (in Pv~Wave).

K.Knipp

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