Subject: Re: Readf and line lenght limit
Posted by zawodny on Tue, 16 Mar 1993 12:40:16 GMT
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In article <C3yCw0.LG5@news.cis.umn.edu> patel@euler.ee.umn.edu (Maqbool Patel) writes:
** Edited freely. **
> 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_procapr.pro(54)> (READF).
> %   Called from $MAIN$
>
> I see in my input file a line which is really long (>2048 chars).
> I am reading an ascii file and I have to read it as such.

 I also had this problem just recently. Since it was a one time thing
for me, I decided to brute force it. I read the file in 80 character chunks
(the file was organized so that this was a natural length to use) into a byte
variable via the ASSOC function and then used the really neat function READS
to get the info in to the variables I wanted to use. Maybe something like
this will work for you as well.

 Obviously, I too would like to know the "right way" to do this.

--
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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_procapr.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)
 2 2002 4003
```

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

K.Knipp

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