
Subject: Re: Readf and line length limit

Posted by [knipp](#) on Fri, 19 Mar 1993 10:54:16 GMT

[View Forum Message](#) <> [Reply to Message](#)

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 READPROCPR <read_procpr.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

/// _ \\\ Karlheinz Knipp Tel. 0511 - 762 4922
/// /_/// Uni Hannover Fax. 0511 - 762 2483
// _ /// Institut fuer Photogrammetrie
/// /_ Nienburger Str.1 email knipp@ipi.uni-hannover.de
/_/_ /_ /_ FRG 3000 Hannover 1
