
Subject: Input buffer limits

Posted by [bowman](#) on Wed, 31 May 1995 07:00:00 GMT

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I just ran into the 2048-byte input buffer limit and I can't remember whether there are any suggested workarounds.

I'm trying to read an ASCII file with long records, and the error message is

```
IDL> openr, 11, '94065V22.A01'
IDL> x = FLTARR(1000)
IDL> readf, 11, x
% Input line is too long for input buffer of 2048 characters.
% READF: Error encountered reading from file. Unit: 11
    File: 94065V22.A01
% Execution halted at $MAIN$ (READF).
```

Any suggestions?

Thanks, Ken Bowman

--

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Subject: Re: Input buffer limits

Posted by [Serdar Manizade](#) on Tue, 13 Jun 1995 07:00:00 GMT

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I too have hit the ascii buffer input limit. I solved the problem by changing the problem: i.e. rewrote the input data to use shorter lines.

Thoroughly unsatisfying. Any other solutions out there?

serdar.manizade@gssc.nasa.gov http://aol16.wff.nasa.gov/~manizade/

bowman@csrp.tamu.edu (Kenneth P. Bowman) wrote:

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> whether there are any suggested workarounds.

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Subject: Re: Input buffer limits
Posted by [bowman](#) on Wed, 14 Jun 1995 07:00:00 GMT
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Serdar Manizade <manizade@aol3.wff.nasa.gov> writes:

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> serdar.manizade@gsfc.nasa.gov <http://aol16.wff.nasa.gov/~manizade/>

I just got a new IDL newsletter from RSI (V. 5, No. 1). On page 10 it says that in IDL 4.0 the OPEN routine now accepts a BUFSIZE keyword, which lets you set the buffer size. We haven't installed 4.0 yet, so I haven't been able to look at the docs or try it out.

Ken Bowman

--

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Subject: Re: Input buffer limits
Posted by [sterner](#) on Wed, 14 Jun 1995 07:00:00 GMT
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Serdar Manizade <manizade@aol3.wff.nasa.gov> writes:

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Try reading the data as a byte array, then converting to string.
You can get strings up to 65534 characters long this way (not 65535, probably due to a null character needed as a delimiter).

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