
Subject: Re: Input Buffer Error Reading in Large ascii Files
Posted by [David Fanning](#) on Fri, 28 Sep 2001 14:13:32 GMT
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dave (gefinn@scifac.indstate.edu) writes:

> unfortunately I get the following error.
> % Compiled module: TRANSREAD.
> % Input line is too long for input buffer of 32767 characters.
>
> Can anyone make a suggestion on why I am getting this error and a
> possible work around?

This kind of error often occurs when end-of-line characters are not in the file. This can occur, for example, by improper FTP transfer of an ASCII file from a Mac to a PC. Sometimes popping the file into a word processor on the target machine and saving it as a text file will get things sorted out.

This doesn't exhaust the list of possibilities, of course, but I'm almost certain the problem is not with Craig's code. :-)

Cheers,

David

--

David W. Fanning, Ph.D.
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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: Input Buffer Error Reading in Large ascii Files
Posted by [Pavel A. Romashkin](#) on Fri, 28 Sep 2001 16:32:00 GMT
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Dave,
This was discussend about a year ago. Check out

<http://groups.google.com/groups?hl=en&selm=190720001523085989%25bowman%40ipgp.jussieu.fr>

You may have to copy-paste the above URL if your news reader can not figure out multiple URL lines.
A solution was provided - using unformatted read which is not subject to

buffer limitations.

Cheers,
Pavel

Subject: Re: Input Buffer Error Reading in Large ascii Files
Posted by [Craig Markwardt](#) on Fri, 28 Sep 2001 18:59:25 GMT
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David Fanning <david@dfanning.com> writes:

> dave (gefinn@scifac.indstate.edu) writes:

>

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> file from a Mac to a PC. Sometimes popping the file

> into a word processor on the target machine and saving

> it as a text file will get things sorted out.

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> This doesn't exhaust the list of possibilities,

> of course, but I'm almost certain the problem is not

> with Craig's code. :-)

I am more than willing to believe it's a problem with my code. :-) But
I / we need more information before a judgement can be passed. Like,
which architecture is being used, what the input file looks like, etc.

One thing is that TRANSREAD is very line-oriented. It tries to read
one line at a time from the file into a string variable, and then to
parse it. For example, if Dave has a file with thousands of numbers
with no carriage returns, then TRANSREAD will fail because it tries to
read all the data at once. I can't really think of a way around this.

Yours,
Craig

--

Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

Subject: Re: Input Buffer Error Reading in Large ascii Files
Posted by [Mark Hadfield](#) on Sun, 30 Sep 2001 22:21:19 GMT
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From: "Pavel A. Romashkin" <pavel.romashkin@noaa.gov>

>

>

http://groups.google.com/groups?hl=en&selm=1907200015230_85989%25bowman%40ipg
p.jussieu.fr

> [which refers to input buffer length limit of 32767 bytes for formatted
I/O]

I would never violate an IDL beta confidentiality agreement, but, you never
know, perhaps this limit could be relaxed in IDL 5.5? Nudge nudge wink wink.
(No David, that's not sexual innuendo.)

Mark Hadfield
m.hadfield@niwa.cri.nz <http://katipo.niwa.cri.nz/~hadfield>
National Institute for Water and Atmospheric Research

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Posted from clam.niwa.cri.nz [202.36.29.1]
via Mailgate.ORG Server - <http://www.Mailgate.ORG>

Subject: Re: Input Buffer Error Reading in Large ascii Files
Posted by [David Fanning](#) on Mon, 01 Oct 2001 00:08:04 GMT
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Mark Hadfield (m.hadfield@niwa.cri.nz) writes:

> Nudge nudge wink wink.
> (No David, that's not sexual innuendo.)

Shoot. This newsgroup is so much more fun
when it is. :-)

Cheers,

David

--

David W. Fanning, Ph.D.
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