
Subject: Re: End of File-Error message in simple readf routine - What's the problem?

Posted by [David Fanning](#) on Sun, 19 Aug 2007 12:57:25 GMT

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bmey@uni-mainz.de writes:

> i'm sorry to post a new message, but i did not find the answer to my
> question, when i searched for it (or i did not use the fitting words
> for the search).
>
> I try to read the values of a file with three columns and 2072758 rows
> (the file was created from a bmp-picture by the routine read_bmp).
>
> My code is as follows:
>
> file='E:\Dissertation\mz_cam\spectral_calib\dat-files
> \070807\run24\070807_24_0013.dat'
>
> n_pixel= 2072758

You will certainly need that "L" on your counting loop.
But my theory is that you do not have the compiler option
DEFINT32 on, so that your n_pixel value is being converted
to a short integer. In other words, 2072758 is being represented
in your program as the number 10650.

The best solution, I think, is to turn all integers into
32-bit integers with a compiler option. Then your counter
will be right automatically, too. Put this line at the
top of your code:

```
COMPILE_OPT DEFINT32
```

Or, you could make this n_pixel value a long integer directly:

```
n_pixel= 2072758L
```

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
