
Subject: Re: Unknown data type

Posted by [David Fanning](#) on Thu, 30 Dec 2004 14:19:05 GMT

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

Julio writes:

> The files I want to read haven't any typical format. Each file has
> information in the first line (like number of rows and columns), but

>

>

> Data_type=integer ; I assume all the files are integer

> ON_IOERROR, bad

> OPENR,lun, arq, /GET_lun

> test = make_array(nc, nl,/integer)

> READU, lun, test ; reading the file into an integer array

> GOTO, Ok

> bad: data_type=byte ; if the file couldn't be read into an integer

> array

> Ok: FREE_LUN, lun

>

> As I told you first, I have only two possible data types: byte and

> integer. So, using it, I could solve the problem.

Oh, golly, if you know how *much* data is suppose to be in the file even I could tell you whether your file contains bytes or integers, all the way from Colorado!

And I wouldn't have to read the file to know. Just compare the product of rows and columns to the size of the file (obtained with FSTAT). If there is little or no difference, you have bytes. If there is a big difference, you have integers. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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