Subject: Re: String Data file

Posted by Pavel Romashkin on Thu, 31 Jul 2003 20:38:09 GMT

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This code doesn't seem to work because the first field, a string, reads in the entire line and the numerical variables won't have anything to read:

IDL> line = {col1:"a string", col2:0.0, col3:0.0} IDL> OPENR, lun, 'untitled.txt', /GET\_LUN

IDL> READF, lun, data

% READF: Input conversion error. Unit: 100

File: SCSI data:untitled.txt % Execution halted at: \$MAIN\$

Would work if the string was the last in the line.

Cheers,

Pavel

## Justin wrote:

>

- > Use structures. In fact always use structures for everything because
- > Structures Are Your Friends. They'll make your programs elegant.

>

- > ;Use a structure to specify that each line is a string and two floats
- > line = {col1:"a string", col2:0.0, col3:0.0}
- > num\_lines = 100
- > ;Make an array of structures
- > data = REPLICATE(line, num\_lines)
- > OPENR, lun, 'yourfile.dat', /GET LUN
- > ;Read in all the data in one go
- > READF, lun, data
- > FREE LUN, lun
- > ;Print out some of the data
- > PRINT, data[5].col1, data[7:9].col2, data.col3

>