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Subject: Re: How to read data with format codes?

Posted by [R.G.Stockwell](#) on Sun, 14 Mar 2010 02:03:02 GMT

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"Adam Solomon" <ramparts@gmail.com> wrote in message  
news:e5bdbfda-121a-41fb-8204-57764e0cc70d@g10g2000yqh.google groups.com...

On Mar 13, 8:04 pm, David Fanning <n...@dfanning.com> wrote:

> Adam Solomon writes:

>> Hi all, I've been pulling my hair out over using readf with a format

>> code. So I have a data file with three columns of floats, all

>> separated by a |. Here's an example:

>

>> | 355.9559189095| -79.4625574877| 0.279817 |

...

> rows = File\_Lines('example.dat')

> data = DbfArr(3,rows)

> oneLine = ""

> OpenR, lun, 'example.dat', /GET\_LUN

> FOR j=0,rows-1 DO BEGIN

> ReadF, lun, oneLine

> parts = StrSplit(oneLine, '|', /EXTRACT)

> data[\* ,j] = Double(parts[1:3])

> ENDFOR

> Free\_Lun, lun

Yep. Always use the same rules to read, as you do to write.

If they wrote it with a format, you read it with the same format.

If they wrote "stuff" and then "|", then that is how you read it

(as David has shown).

btw, one suggestion. perhaps you can write a Convert program  
to read this huge ascii data set once, and write it in a quick binary  
format (perhaps as a structure with all pertinent information).

cheers,

bob

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