
Subject: Re: Am I having a blackout?

Posted by [rogass](#) on Fri, 29 May 2009 07:27:32 GMT

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On 28 Mai, 23:34, Mark <Mark.Saven...@gmail.com> wrote:

> -> due to the line wraps the layout is somewhat disturbed: the d2 is
> after the d1 and also the negative values are in fact after the other
> items on the line.

>

> On May 28, 11:27 pm, Mark <Mark.Saven...@gmail.com> wrote:

>

>

>

>> Hi all,

>

>> I'm trying to read a very simple file with very basic commands, but it
>> reads the wrong values for the last variable (d2): readf does not see
>> it are negative values and reads only the last five digits. The first
>> five items it reads OK. I guess I'm making a very trivial mistake
>> here, but I don't see it. Anyone having a clearer mind than me?
>> Thanks!

>

>> Mark

>

>> sum1 = 0.0

>> sum2 = 0.0

>> sum3 = 0.0

>> sum4 = 0.0

>> count = 0

>> dummy1="

>> openr, unit, /get_lun, 'sunny_days.fits'

>> while ~eof(unit) do begin

>> readf, unit, format='(A8,F,F,F,F,F)', dummy1, dummy2, A, beta, d1,

>> d2

>> help, dummy1, dummy2, A, beta, d1, d2

>> sum1 += A

>> sum2 += beta

>> sum3 += d1

>> sum4 += d2

>> count++

>> end

>> print, sum1/count, sum2/count, sum3/count, sum4/count

>> end

>

>> part of sunny_days.fits:

>

>> 20050206 0.386216 1286.08 1.34860 0.133876

>> -0.695917

```
>> 20050207    0.391236    1080.36    1.19682    0.285981
>> -0.127826
>> 20050402    0.685645    1137.82    1.20061    0.112449
>> -0.716363
>> 20050411    0.727419    1096.23    1.21388    0.134878
>> -0.556709
>> 20050421    0.768319    1110.19    1.19086    0.136384
>> -0.636537
>> 20050422    0.772067    1133.38    1.26480    0.214946
>> -0.528211
>> 20050423    0.775750    1115.85    1.26544    0.196289
>> -0.642749
>> 20050614    0.878818    1109.71    1.21778    0.140585
>> -0.640095
>> 20050618    0.879916    1055.35    1.16299    0.103695
>> -0.706452
>> 20050619    0.880047    1071.56    1.15538    0.0915420
>> -0.690452
>
>> Full file at: http://www.markjoe.com/tmp/sunny\_days.fits- Zitierten Text ausblenden -
>
> - Zitierten Text anzeigen -
```

Dear Mark,
no idea, what's going wrong there, but did you try the following?

```
data=fltarr(6,file_lines('sunny_days.fits'),/nozero)
openr, unit, /get_lun, 'sunny_days.fits'
readf, unit, data
free_lun, unit
etc...
```

Regards
Chris
