Subject: Re: Am I having a blackout?
Posted by Mark[2] on Fri, 29 May 2009 08:25:11 GMT

Hi Chris,

Thanks for replying. Thanks for your suggestion, but it's more a
matter of why this particular piece of code does not work as intended.
(And the first field is a date, which, I guess, can be more
appropriately stored in a string).
Well, a new day has begun, new chances...

Mark

On May 29, 7:27 am, rog...@googlemail.com wrote:
> 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
```