
Subject: read ascii

Posted by [julia.walterspiel](#) on Mon, 17 Nov 2008 10:20:09 GMT

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hi

i've been fiddling about this problem the whole morning and it seems I can't get it done properly:

I'm trying to read in a huge (!) ascii-file ('test.dat') where the first column is a string (name of station), followed by 2 columns with integer values (second row date in the format yymmddhourminute, third row integer numbers between 0 and 10).

example 'test.dat':

SMA 200001010010	0
SMA 200001010020	0
SMA 200001010030	1
SMA 200001010040	0
SMA 200001010050	3
SMA 200001010100	4
SMA 200001010110	5
SMA 200001010120	0
SMA 200001010130	0
SMA 200001010140	0

no header.

I don't know how many rows I got, but I'm sure it's a LOT, since excel crashes when trying to copy the file :)

I'm using David's Code like this:

```
OPENR, lun, 'filepath/test.dat', / GET_LUN
```

```
station = strarr (1000000)
time = fltarr (1000000)
sunshine_duration = fltarr(1000000)
```

```
s = '???' --> not sure what to insert here
t = 0.0
sd = 0.0
count = 0
```

```
WHILE (NOT EOF(lun)) DO BEGIN
  READF, lun, s, t, sd
  station(count) = s
  time (count) = t
```

```
sunshine_duration(count) = sd  
count = count+1  
ENDWHILE
```

```
station = station(0:count-1)  
time = time(0:count-1)  
sunshine_duration = sunshine_duration(0:count-1)
```

```
FREE_LUN, lun
```

then I get the error

"READF: Input conversion error. Unit: 101"

I tried to google this error but couldnt find any useful
information...

I figure, I don't understand 100% what I'm doing here, that's why I
don't see where I make the mistake...

furthermore, I'm not sure how the file is delimited (tab or white
space) if this is crucial to anything..?

any help appreciated!

cheers,

juls
