
Subject: Re: Data management... but Execution halts!!! T.T

Posted by [kim20026](#) on Mon, 13 Nov 2006 09:10:58 GMT

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Sorry, I forgot to mention it. The data showed below is only small part of it. This data file contains 28 columns: location, year, month, and day, + each hour. There are 72 locations, and a location contains data with 2192 rows. Therefore $2192 * 72 = 157824$ rows total.

The error message was:

```
DATA      INT      = Array[28]
```

```
REFORM: New subscripts must not change the number elements in DATA.
```

```
Execution halted at: TEMP1      27
```

```
D:\MODIS_Documents\MetData\IDLPractice\temp1.pro
```

It seems that IDL reads only first rows.

What do you think? Do you have any suggestions? Thanks.

Bapts wrote:

```
> kim20026@gmail.com a écrit :
```

```
>
```

```
>> I requested some meteorological data to a governmental institute. To
```

```
>> reduce the file size, they sent me this way...
```

```
>>
```

```
>> 90|2000|1|1|25|25|26|26|26|25|26|28|31|34|36|39|40|38|38|37|
35|33|35|37|34|34|35|29|90|2000|1|2|30|32|29|28|31|33|55|65|
74|68|72|75|71|83|85|77|69|60|51|43|41|34|34|29|90|2000|1|3|
25|20|12|9|8|5|-2|-3|14|27|31|42|51|54|48|51|37|28|15|11|6|-
12|0|-13|90|2000|1|4|-7|-5|-8|-10|-21|-21|-13|-18|-2|23|36|4
0|50|49|42|37|29|22|9|3|0|0|5|4|90|2000|1|5|1|4|12|10|15|15|
9|6|0|-1|1|3|5|4|4|6|8|8|10|9|9|13|13|17|90|2000|1|6|17|18|2
3|23|24|28|28|27|25|26|45|73|87|90|81|72|58|54|39|19|-2|-11|
-17|-26|90|2000|1|7|-31|-39|-43|-55|-67|-77|-85|-86|-78|-71|
-63|-63|-52|-43|-39|-41|-49|-51|-53|-54|-58|-53|-54|-57|90|2
000|1|8|-57|-52|-49|-48|-45|-39|-36|-30|-25|-18|-11|-8|0|2|1 2|7|-3|-7|-7|-7|-6|-16|-15|-17|
```

```
>> ...
```

```
>>
```

```
>> This is only one line, but contains a matrix of 28 columns * 157824L
```

```
>> rows. As you guys may know, Excel can only 65,000 rows approximately,
```

```
>> and I need to divide this into three to read this file correctly.
```

```
>>
```

```
>> I have tried like this so far, but everytime I try, I have the same
```

```
>> error message and the program stops.
```

```
>>
```

```
>>
```

```

>> -----
>> Pro temp1
>>
>> ; Main working directory (location of IDL procedures and functions)
>> WorkDir      = 'D:\MODIS_Documents\MetData\IDLPractice'
>>
>> s=""
>> Openr, 1, 'temp1.txt'
>> Readf, 1, s
>> print, strlen(s)
>> close, 1
>>
>> data=fix(strsplit(s, '|', /extract))
>> help, data
>> data=reform(data, 28, 157824L) ; <- Execution halts right here
>> everytime!!!
>> print, data[* , 0]
>> print, data[* , 1]
>>
>> for i=0L, 157824-1 do begin
>>     if i mod 52608L eq 0 then begin
>>         close, /all
>>         file_no=i / 52608L + 1 ; 1, 2, 3
>>         openw, 1, 'out'+string(file_no, format='(I1)')+'.txt'
>> ;ex) out1.txt
>>         endif
>>         printf, 1, strjoin(string(data[* , i], format='(I4)'), ", ")
>>
>>     endfor
>> close, /all
>> end
>> -----
>>
>> Please let me know if you have any solutions (or suggestions at least.
>> It's urgent!! T.T)
>
> the data you've posted doesn't show 28 columns as you say in the text,
> but 224 number separated with |'s. There is no reason for IDL not to
> stop with an error when you try to reform an 224 element array into a
> 28x157842 one...

```
