
Subject: Data management... but Execution halts!!! T.T
Posted by [kim20026](#) on Mon, 13 Nov 2006 08:28:31 GMT
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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='(l1)')+'.txt'
;ex) out1.txt
        endif
        printf, 1, strjoin(string(data[*], i), format='(l4)'), "")

    endfor
close, /all
end
-----
```

Please let me know if you have any solutions (or suggestions at least.
It's urgent!! T.T)

Subject: Re: Data management... but Execution halts!!! T.T
Posted by [greg michael](#) on Wed, 15 Nov 2006 18:33:38 GMT
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Those should be colons in the structure definition, and for this case
you'd need to edit the missing value parameter to !VALUES.F_NAN

Greg
