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

Posted by [Jeff N.](#) on Mon, 13 Nov 2006 15:43:37 GMT

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Do people not use READ_ASCII()? Is it really slow, or tempermental or something? I saved the original poster's data to a text file, and this seemed to work for me:

```
data = read_ascii('file.txt', delimiter='|')
```

There's a NaN on the end that I'd have to chop off, but that's easily done, but it also makes me wonder if the function doesn't work in a lot of cases maybe? I confess i've never used it myself before now, but that's b/c i never knew it existed until a few minutes ago :)

Jeff

kim20026@gmail.com wrote:

> 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)

```
