
Subject: Re: Cut down a big file (W/O delimiters) into several... but I still don't understand

Posted by [Nigel Wade](#) on Tue, 20 Mar 2007 09:16:23 GMT

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DirtyHarry wrote:

> Last week I posted a question with almost same topic. I would like to
> slice a big file into several according to one of its row. I found
> there is some 'delimiter' problem that I cannot solve at this point.
> So I deleted them through making another simple IDL code and made a
> new data file, but still I got stuck in cutting it down.

>

> This is a part of my data file.

> file: 'HumNWS1.txt' (data(28, 164094))

>

> 90 2000 1 1 95 95 95 95 95 96 95 95 94 93

> 93 93 94 94 94 95 95 93 91 90 94 95 96 95

> 90 2000 1 2 96 95 94 96 93 93 76 74 76 81

> 85 84 76 53 43 40 39 41 33 33 32 32 33 35

> 90 2000 1 3 35 34 38 35 29 28 30 29 26 23

> 25 22 22 30 29 24 23 24 36 31 34 39 31 34

> .

> .

> .

>

>

> To divide this, I set up a source code like this...

>

>

> -----

> pro hum_year

>

> ;

>

>

> ; 1. Read file and set the initial value of variables and arrays.

> file = 'HumNWS1.txt'

> ndata=file_lines(file)

> data=intarr(28, ndata)

>

> close, /all

>

> ; 2. Prepare for new text files.

> openw,1,'HuNWS_2000.txt'

> openw,2,'HuNWS_2001.txt'

> openw,3,'HuNWS_2002.txt'

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> openw,4,'HuNWS_2003.txt'
> openw,5,'HuNWS_2004.txt'
> openw,6,'HuNWS_2005.txt'
>
>
> ; 3. Read data and write them on the designated files.
>
> for t=0L,ndata-1 do begin
>   case data(1L,t) of
>     2000:printf,1,format='(28i6)' , data[*,t]
>     2001:printf,2,format='(28i6)' , data[*,t]
>     2002:printf,3,format='(28i6)' , data[*,t]
>     2003:printf,4,format='(28i6)' , data[*,t]
>     2004:printf,5,format='(28i6)' , data[*,t]
>     2005:printf,6,format='(28i6)' , data[*,t]
>   else:
>   endcase
> endfor
>
> ; 4. close all files.
> close, /all
>
> print, 'Process is done!'
>
> end
> -----
> There was no problem in compiling. When I ran this file after
> compilation, there were no error messages, either. However, after I
> checked those new files (i.e. 'HuNWS_2000.txt'), I found there were no
> data in there... I don't understand why this happens. What's wrong in
> my case statement... ? Please give me some suggestions... thanks.

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Nowhere in that code do you read the data from the file.

It helps if you do that, so that the data() array actually has some contents.

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