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

Posted by [kim20026](#) on Tue, 20 Mar 2007 05:23:30 GMT

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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'
  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.
