

---

Subject: Re: Writing a modified .txt file issue  
Posted by [David Fanning](#) on Tue, 30 Jul 2013 01:39:49 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Heinz Stege writes:

> Below is an example with some Explanations.

OK, here is my data file, save in a file bad\_data.txt. If you put this in a text editor, you will see the columns are all left aligned.

```
hole_id from to Pr_1 Pr_2
2006/1 6 8.2 39.23 0.09
2006/1 12.25 14 39.16 12.06
2006/2A 2 5.9 59.17 0.42
2006/2A 5.9 8.7 51.02 0.61
2006/2A 8.7 11.7 49.8 0.97
```

Here is the code I am using. A combination of Philip's code and yours, modified a bit to strip the header off.

```
;*****
;nLines = FILE_LINES(filename)
OPENR, lun, filename, /GET_LUN
header = ""
word = STRARR(nLines-1)
READF, lun, header, word
FREE_LUN, lun

mylist = strsplit(word,/extract)
myarr = mylist.toarray()

struct = {date:"", from:0.0, to:0.0, pr1:0.0, pr2:0.0}
data = Replicate(struct, nLines-1)

; Loop over all columns but the last one:
for i=0,nColumns-2 do begin
;
; Get the end positions of the first column
pos=strpos(word,' ')
;
; Put the first column into the i-th tag of the structure
data.(i)=strmid(word,0,transpose(pos))
;
; Remove the first column (and trailing blanks) from the input
; array
word=trim(strmid(word,transpose(pos)),1)
;
```

```
; Continue the loop with the next column  
end  
;  
; Copy the last column into the structure  
data.(nColumns-1)=word  
;  
; Check the result  
print,'This is the result structure:'  
for i=0,nLines-2 do print,data[i]  
;  
  
END  
*****
```

Here are my results when I run the program:

This is the result structure:

```
{ 2006/1    0.000000    0.000000    0.000000    6.00000}  
{ 2006/1    0.000000    0.000000    0.000000   12.2500}  
{ 2006/2A    0.000000    0.000000    0.000000    2.00000}  
{ 2006/2A    0.000000    0.000000    0.000000   5.90000}  
{ 2006/2A    0.000000    0.000000    0.000000   8.70000}
```

What am I doing wrong?

Cheers,

David

--  
David Fanning, Ph.D.  
Fanning Software Consulting, Inc.  
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>  
Sepore ma de ni thue. ("Perhaps thou speakest truth.")

---