
Subject: Re: Writing a modified .txt file issue
Posted by [David Fanning](#) on Tue, 30 Jul 2013 01:39:49 GMT
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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=strtrim(strmid(word,transpose(pos)),1)
    ;
end
```

```

; 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

--

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")