
Subject: Writing formatted text files

Posted by [Bernard Puc](#) on Fri, 11 Feb 2000 08:00:00 GMT

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Hi all,

I'd like to speed-up the following code. I'm writing comma delimited text files, I'm eliminating whitespace by using `strtrim`, and am explicitly formatting the string using a format keyword. Any ideas how to improve this? I've been playing with various ways of formatting without using a FOR loop but either don't get the desired output or the error message telling me the output string has been truncated to 1024 lines.

```
data_to_write = fltarr(3, 100000)
FOR j=0, 99999 DO BEGIN
  PRINTF,Lun,$
    strtrim(string(data_to_write[0,j],format='(f10.3)'),2),',',$
    strtrim(string(data_to_write[1,j],format='(f10.3)'),2),',',$
    strtrim(string(data_to_write[2,j],format='(f10.3)'),2),$
  FORMAT = "(a,a,a,a,a)"
ENDFOR
```

Output should look like this:

```
278.980,-232.018,258.090
278.926,-231.974,258.360
278.889,-231.944,241.240
278.852,-231.913,206.900
278.814,-231.883,156.390
278.776,-231.852,93.680
278.739,-231.821,27.799
278.702,-231.791,-33.771
278.664,-231.760,-84.551
278.626,-231.729,-121.161
...
```

Thanks.

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