
Subject: Re: Writing a modified .txt file issue

Posted by [Ahmet Hakan BAYRAK](#) on Tue, 30 Jul 2013 06:49:58 GMT

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Thank you all for the answers. My aim is to plot histograms for differences of height of drilling data and parameters data each other. This is I can get so far. I remove the header part to not confuse you because it makes dirty all code. :)

pro hist

```
infile='drilling.txt'
n=FILE_LINES(infile)
a=fltarr(n)
b=fltarr(n)
c=fltarr(n)
d=fltarr(n)
a1=0.0
b1=0.0
c1=0.0
d1=0.0
openr, iunit, infile, /GET_LUN
FOR i=0, n-1 DO BEGIN
  readf, iunit, a1, b1, c1, d1
  a[i]=a1
  b[i]=b1
  c[i]=c1
  d[i]=d1
ENDFOR
FREE_LUN, iunit
FOR i=0, n-1 DO BEGIN
  openw, lun, 'output.txt', /GET_LUN
  a2=TRANPOSE(a)
  b2=TRANPOSE(b)
  c2=TRANPOSE(c)
  d2=TRANPOSE(d)
  int=b2-a2
  g=[a2, b2, c2, d2, int]
  FORMAT="(2F12.5)"
  PRINTF, lun, g
  FREE_LUN, lun
END
END
```

This is my input file: drilling.txt. It has 770 lines with header:

```
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
2006/2A 13.05 14.5 38.18 0.05
2006/2A 14.9 18 38.31 0.47
2006/2A 21.75 23.2 40.89 0.3
2006/3A 5.75 7.8 39.89 0.63
2006/3A 8.7 11.5 44.87 0.16
2006/3A 34 36.2 29.76 0.27
2006/3A 36.2 38.9 56.35 0.67
2006/3A 53.25 54.7 31.61 4.16
2006/3A 54.95 55.9 55.51 2.56
2006/4 38.2 39.6 29.38 5.5

```

And this is my output file: output.txt: In the output file I didn't remove header to show how it doesn't match.

```

from to pr_1 pr_2 int
  6.00000   8.20000   39.2300  0.0900000   2.20000
 12.2500   14.0000   39.1600   12.0600   1.75000
  2.00000   5.90000   59.1700   0.420000   3.90000
  5.90000   8.70000   51.0200   0.610000   2.80000
  8.70000  11.7000   49.8000   0.970000   3.00000
 13.0500  14.5000   38.1800  0.0500000   1.45000
 14.9000  18.0000   38.3100   0.470000   3.10000
 21.7500  23.2000   40.8900   0.300000   1.45000
  5.75000   7.80000   39.8900   0.630000   2.05000
  8.70000  11.5000   44.8700   0.160000   2.80000
 34.0000  36.2000   29.7600   0.270000   2.20000
 36.2000  38.9000   56.3500   0.670000   2.70000
 53.2500  54.7000   31.6100   4.16000   1.45000
 54.9500  55.9000   55.5100   2.56000  0.950001
 38.2000  39.6000   29.3800   5.50000   1.40000
 39.6000  40.4000   32.1900   3.96000  0.800003

```

Thank you for now,

Hakan
