

comp.unix.programmer: Re: Limit on "fmt" buffer size? Loose much of long line.

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From: rc (rc_at_networkz.ch)

Date: 09/15/04

Date: 15 Sep 2004 08:23:56 -0700

> Hi, Christian,

>

> I tried it on the following 21-line file, then piped it through less.

> It didn't seem to truncate the long lines e.g. line#15, and it seemed

> to put in some empty lines too. Thanks for giving it a crack anyway.

>

> Fred

>

> P.S. Line#15 is the long line, so it will probably get truncated in

> this posting.

>

> 1 MaxWireLen=8

> 2 fnStop=MatlabStop

> 3 MinBarsTooLong=10

> 4 LimlessStart=1000

> 5 Initial RndGenr.xseed= 8 40914 54979

> 6 DiversityAllPairsEuclidean=0.05559

> 7 DiversityCircDiffSimple0.00166189

> 8 DiversityCircDiffGoodNorm0.00164503

> 9 DiversityCircDiffLinterp0.00494928

> 10 GenerationNum:MinViolations

> 11 -----

> 12 50:6

> 13 client.mexsol detected stop flag file MatlabStop, iGen=50

> 14 [C]ontinue [S]top [K]board: c

> 15 100:3 150:2 200:2 250:2 300:1 350:1 400:1 450:1

500:1 550:1 600:1 650:1 700:1 750:1 800:1 850:1 900:1 950:1

1000:1 1050:1 1100:1 1150:1 1200:1 1250:1 1300:1 1350:1 1400:1

1450:1 1500:1 1550:1 1600:1 1650:1 1700:1 1750:1 1800:1

1850:1 1900:1 1950:1 2000:1 2050:1 2100:1 2150:1 2200:1 2250:1

2300:1 2350:1 2400:1 2450:1 2500:1 2550:1 2600:1 2650:1

2700:1 2750:1 2800:1 2850:1 2900:1 2950:1 3000:1 3050:1 3100:1

3150:1 3200:1 3250:1 3300:1 3350:1 3400:1 3450:1 3500:1

3550:1 3600:1 3650:1 3700:1 3750:1 3800:1 3850:1 3900:1 3950:1

4000:1 4050:1 4100:1 4150:1 4200:1 4250:1 4300:1 4350:1

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```
4400:1 4450:1 4500:1 4550:1 4600:1 4650:1 4700:1 4750:1
> 16 client.mexsol detected stop flag file MatlabStop, iGen=4750
> 17 [C]ontinue [S]top [K]board: s
> 18
> 19 Elapsed time in evolution loop: 168.641 seconds.
> 20 iGen=4750
> 21 ifFail=1
```

Hmm, i've forgot about the double spaces. In the example i've sent you, i've put `$/=" "`, which means that the input record separator is one space. Unfortunately, you cant use a regex for this, so you cant say `$/=" +"` to split on one or more spaces. As "perldoc perlvar" states:

Remember: the value of `"/` is a string, not a regex. awk has to be better for something. :-)

So, you can change it to `" "`, but the it won't wrap the other lines, but maybe that's not a problem for you.

Regards
Christian