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Subject: Re: slow file-handling

Posted by [Hermann Mannstein](#) on Tue, 03 Sep 1996 07:00:00 GMT

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Jorn Helbert wrote:

>  
> Hi,  
> I have a problem reading in a large data-file  
> the file consist of 57422 rows with the following format  
> t foo foo foo bx by bz  
>  
> all double floating and I need the foo-values not. if i just read it  
> line by line it takes nearly ten minutes on a sparc twenty. my read  
> block is the following  
> b\_temp = double([0.,0.,0.])  
> t\_temp = [0.0]  
> WHILE NOT eof(u1) DO BEGIN  
> readf,u1,t\_temp,foo,foo,foo,b\_temp  
> t\_u = [t\_u,t\_temp]  
> b\_u = [b\_u,b\_temp]  
> END  
>  
> I don't know before how long the file is. so I have to use the temporary  
> values.  
> Any ideas how to speed this up?

How about

```
fs=fstat(u1)
n_lines=fs.size/(7*4) ; size / bytes per line - if there are extra
; bytes you have to change this number
line={b:b_temp,foo:b_temp,t:t_temp}
all = replicate(line,n_lines_
readf,u1,all
free_lun,u1
```

should be faster, and you can acces your fields from the structure (a.e.  
all(i).b)

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Regards,

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