
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:

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>
> 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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