
Subject: Re: read ascii

Posted by [R.Bauer](#) on Mon, 17 Nov 2008 15:18:55 GMT

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Brian Larsen schrieb:

> yikes, bytes, bits, structures, and splitting oh my. That certainly
> works but... yikes
>

yeah

can one make a speed comparision and the other question can format be
used with structures too?

cheers

Reimar

> This can be done with a cleaver call to format and a type conversion
> that is (in my opinion) the best and fastest way. Play with the type
> conversion as you want I didn't include it here.

>
> lines=file_lines('test.dat')
> dat = strarr(3, lines)
> openr, lun, 'test.dat', /get_lun
> readf, lun, dat, format = '(a4,a16,a)'
> free_lun, lun
> IDL> print, dat[0,*]
> SMA
> SMA
> SMA
> SMA
> SMA
> SMA
> SMA
> SMA
> SMA
> SMA
> IDL> print, dat[1,*]
> 200001010010
> 200001010020
> 200001010030
> 200001010040
> 200001010050
> 200001010100
> 200001010110
> 200001010120
> 200001010130
> 200001010140

```
> IDL> print, dat[2,*]
>    0
>    0
>    1
>    0
>    3
>    4
>    5
>    0
>    0
>    0
>
>
> Cheers,
>
> Brian
>
> -----
> Brian Larsen
> Boston University
> Center for Space Physics
> http://people.bu.edu/balarsen/Home/IDL
>
>
>
```
