
Subject: Re: reading an ascii file efficiently
Posted by [penteado](#) on Fri, 27 Nov 2009 22:45:42 GMT
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On Nov 27, 5:02 pm, nata <bernat.puigdomen...@gmail.com> wrote:

```
> Hi all,  
>  
> Thanks for your suggestions. Finally, the fastest read time for this  
> situation is the following one:  
>  
> lines=FILE_LINES(file)  
> rr=STRARR(lines)  
> OPENR, lun, file, /GET_LUN  
> READF, lun, rr  
> FREE_LUN, lun  
>  
> result=FLTARR(lines)  
> FOR i=0l, lines-1 DO BEGIN  
>   str_arr=STRSPLIT(rr[i],',',/EXTRACT)  
>   result[i]=FLOAT(str_arr[6])  
> ENDFOR  
>  
> It's just 0.4 seconds faster than the previous solution. Thanks,  
> anyway  
>  
> nata
```

Another option, in IDL 7.1, is `read_csv`. It would take just one line to write:

```
result=(read_csv(file)).(6)
```

With no need to open or close the file yourself, find out its length, or declare the result variable.
