
Subject: Re: reading an ascii file efficiently

Posted by [Heinz Stege](#) on Sat, 28 Nov 2009 03:16:35 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Fri, 27 Nov 2009 11:02:45 -0800 (PST), nata 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=0, 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
```

What do you think about replacing the for-loop (and the initial array definition). I would expect the following method to be significantly faster:

```
pos=strpos(rr,',',/reverse_search)
result=float(strmid(rr,transpose(pos)))
```

Have fun, Heinz
