
Subject: Re: Efficient way to split an array of strings.
Posted by [bberkey](#) on Thu, 15 Nov 2007 09:16:10 GMT
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On Nov 14, 3:39 pm, David Fanning <n...@dfanning.com> wrote:
> bber...@gmail.com writes:
>> have a lot of data that comes to me in tabular files with a nice mix
>> of strings and numerical data. Typically I will read the data into a
>> string array. And then loop over each line in the file calling
>> STRSPLIT repeatably.
>
>> Is there a better way to accomplish this?
>
> Why don't you just read the data from the file
> directly:
>
> OpenR, lun, 'test.dat', /Get_LUN
> rows = File_Lines('test.dat')
> struct = {f:0.0D, l:0, s:''}
> data = Replicate(struct, rows)
> ReadF, lun, data
> Free_Lun, lun
>
> Print, data.f, Format='(F10.2)'
> Print, data.l
> Print, data.s
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

David,

Thanks, I think I will start doing that from now on. But since my last post I though of a much better way to split an array of strings. Something like the following:

```
reform(strsplit(strjoin(data,delimiter),delimiter,/  
extract),numstrings,rows)
```

I quick performance check shows that both of these methods are about 5x faster then my old method.

Thanks
-Ben
