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Subject: Re: quick strsplit question  
Posted by [rlayberry](#) on Fri, 07 Mar 2008 13:56:13 GMT  
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On 6 Mar, 10:25, Nigel Wade <n...@ion.le.ac.uk> wrote:  
> rlaybe...@hotmail.com wrote:  
>> Hi  
>  
>> I am, trying to split an number of terms such as str9=dg\_eyemouth.out  
>  
>> to take off the file extension  
>  
>> print,strsplit(str9,'.out',/extract,/regex)  
>  
>> but this gives  
>  
>> dg\_eye h  
>  
>> any ideas  
>  
>> thanks  
>  
>> russ  
>  
> You've specified /regex. The character "." is a special character in a regex  
> which matches anything. So ".out" will match "mout".  
>  
> You can remove the special nature of "." by preceding it with a backslash. You  
> should probably also tie the match to the end of the string by appending a  
> dollar:  
> print,strsplit(str9,'\\.out\$',/extract,/regex).  
>  
> A better approach might be to use the function file\_basename:  
>  
> print,file\_basename(str9,['.out'])  
>  
great, thanks both of the above

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