Subject: Re: quick strsplit question Posted by Nigel Wade on Thu, 06 Mar 2008 10:25:50 GMT

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rlayberry@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"])
```

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