Subject: Re: Directory separators Posted by George Constantinides on Wed, 28 Mar 2001 22:41:51 GMT View Forum Message <> Reply to Message

```
>
>>
>> I have been using the following function to select the appropriate OS
>> specific directory separator. I have two questions about it: (1) what
>> is the correct directory separator in VMS?, and (2) is there a built-in
>> means of getting the same information?
>>
>> Thanks,
>>
>> Ben
>>
>> :-----START
>> FUNCTION SYSSEP
>>
>> Case StrLowCase(!Version.OS_Family) of
>> 'unix': Return, '/'
>> 'win': Return,'\'
>> 'macos': Return,':'
>> 'vms': Return, "
>> Else: Return, "
>> EndCase
>>
>> End
>> ;-----END
>
> Paul van Delst is correct that "." separates subdirectories in VMS.
> However, the most frequent use that I've seen for a case statement like
> the above is to separate the directory specification from a file name.
  In that case you'd want "]". To complete Paul's example:
>
>
   DISK$NAME1:[PAULV.DIR.SUBDIR.SUBSUBDIR]filename.ext
>
>
In VMS you may also get a file path define via a logical such as:
in which case the above file spec becomes DIR_PATH:filename.ext
So you also need to search for ":" as well as "]". To do this you can
use a regular expression as show below.
```

Function ExtrFileName, FullFileSpec	
; Given the full file spec extract the file name. (vms case)	
f= StrSplit(FullFileSpec,'^*: ^*\]',/Extract) f = f[N_Elements(f)-1] f= StrSplit(f,';*\$',/Extract)	
Return, f[0]	
End	
;	
George Constantinides Manly Hydraulics Laboratory email: GeorgeC@mhl.nsw.gov.au URL http://www.mhl.nsw.gov.au	