
Subject: Re: Directory separators

Posted by [Paul van Delst](#) on Tue, 13 Feb 2001 16:18:06 GMT

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Ben Tupper wrote:

>
> Howdy,
>
> 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?

I believe it's '.' as in DISK\$NAME1:[PAULV.DIR.SUBDIR.SUBSUBDIR]

> , and (2) is there a built-in
> means of getting the same information?

in idl? don't know. I would prefer your method anyway.

paulv

--

Paul van Delst A little learning is a dangerous thing;
CIMSS @ NOAA/NCEP Drink deep, or taste not the Pierian spring;
Ph: (301)763-8000 x7274 There shallow draughts intoxicate the brain,
Fax:(301)763-8545 And drinking largely sobers us again.
pvandelst@ncep.noaa.gov Alexander Pope.

Subject: Re: Directory separators

Posted by [Dave Greenwood](#) on Tue, 13 Feb 2001 16:32:25 GMT

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Ben Tupper <btupper@bigelow.org> wrote:

> Howdy,
>
> 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 StrLowerCase(!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
```

Dave

Dave Greenwood Email: Greenwoodde@ORNL.GOV
Oak Ridge National Lab %STD-W-DISCLAIMER, I only speak for myself

Subject: Re: Directory separators
Posted by [hahn](#) on Tue, 13 Feb 2001 17:43:06 GMT
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Ben Tupper <btupper@bigelow.org> wrote:

```
> Howdy,
>
> 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?,
```

VMS uses brackets to enclose the directory information as a whole and periods to delimit subdirectory names. In case of logical names more than one pair of brackets may occur...

```
> and (2) is there a built-in
> means of getting the same information?
```

You may use filepath to set a file name independent of on OS. Parts of the directory will be given as elements of a string array.

Norbert

Subject: Re: Directory separators

Posted by [George Constantinides](#) on Wed, 28 Mar 2001 22:41:51 GMT

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>
>>
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>> 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
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>>
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>> ;-----START
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>> 'unix': Return, '/'
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>> '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:

```
$ DEFINE DIR_PATH DISK$NAME1:[PAULV.DIR.SUBDIR.SUBSUBDIR]
```

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
```

```
;-----
```

Regards,

George Constantinides

Manly Hydraulics Laboratory

email: GeorgeC@mhl.nsw.gov.au

URL <http://www.mhl.nsw.gov.au>
