
Subject: Re: file_search windows problem
Posted by [wgallery](#) on Thu, 22 May 2003 17:13:25 GMT
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Jacques Basson <basson@cyclopsNoSpAmnu.ac.za> wrote in message
news:<1052909384.778379@osprey.und.ac.za>...

> Hi all

>

> I am having a problem with file_search and windows UNC names.

> file_search using the "\\hostname\sharename..." returns 0 files always.

> findfile using the exact same path as file_search works fine. If I use a

> mapped drive, then file_search returns the correct answer.

>

> IDL> print, file_search("\\machine\share\path*", count=n)

> 0

> IDL> print, findfile("\\machine\share\path*", count=n)

> 5

> IDL> print, file_search("G:\path*", count=n)

> 5

>

> I need to use \\hostname because the IDL program must run on various

> machines therefore I can't use file_search. Also I can't use findfile

> because it falls foul of a very obscure windows bug - windows matches

> wildcards against both the full name and the 8.3 name. As an example,

> for the files below,

>

> C:\tmp>dir /X

> Volume in drive C has no label.

> Volume Serial Number is 5823-C19A

>

> Directory of C:\tmp

>

> 2003/05/14 12:19 <DIR>

> 2003/05/14 12:19 <DIR>

> 2003/05/14 12:18 0 123456~1.DAT 123456789A.dat

> 2003/05/14 12:18 0 123456~2.DAT 123456789B.dat

> 2003/05/14 12:18 0 123456~3.DAT 123456789C.dat

> 2003/05/14 12:18 0 123456~4.DAT 123456789D.dat

> 2003/05/14 12:18 0 1209B9~1.DAT 123456789E.dat

> 2003/05/14 12:19 0 1219BD~1.DAT 1234567B9E.dat

> 6 File(s) 0 bytes

> 2 Dir(s) 34,168,795,648 bytes free

>

> IDL gets 2 matches for the string "*B9*"

>

> IDL> print, findfile('C:\tmp*B9*')

> C:\tmp\123456789E.dat C:\tmp\1234567B9E.dat

>

```
> In file_search, there are workarounds...
>
> IDL> print, file_search('C:\tmp\*B9*')
> C:\tmp\1209B9~1.DAT C:\tmp\1234567B9E.dat
> IDL> print, file_search('C:\tmp\*B9*.dat', fold_case=0)
> C:\tmp\1234567B9E.dat
>
>
> Does anyone have any suggestion for a workaround?
>
> Cheers,
> Jacques
```

I have a related problem. On Windows NT, I have a file
'at_fastlook.pro' plus its Emacs backup 'at_fastlook.pro~' as follows:

```
(from msdos dir /x)
05/20/03 04:21p      71,956 AT_FAS~1.PRO  at_fastlook.pro
05/20/03 04:17p      71,952 AT_FAS~2.PRO  at_fastlook.pro~
```

In idl (5.6), findfile returns:

```
DL> print, findfile('at_fas*.pro')
at_fastlook.pro at_fastlook.pro~
```

while file_search returns:

```
IDL> print, file_search('at_fas*.pro')
AT_FAS~2.PRO at_fastlook.pro
```

i.e. both the file and the backup file are returned. This appears to
be true for any file with 4 characters in the extension.

Question: how can I get findfile or file_search to return only files
with the '.pro' extension without additional programming?

Cheers,
Bill Gallery
