
Subject: file_search windows problem

Posted by [Jacques Basson](#) on Wed, 14 May 2003 10:49:41 GMT

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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
