
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
