
Subject: recursive FILE_SEARCH in a symbolic link ?

Posted by [natha](#) on Thu, 17 Jun 2010 18:28:20 GMT

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Hi guys,

I have a directory containing some symbolic links. When I try to do a recursive file search, IDL does not take into account the links.

Do you know how can I do this search, through all the links ?

I want to avoid Windows errors so I need an standard solution...

Thanks in advance,

nata

Subject: Re: recursive FILE_SEARCH in a symbolic link ?

Posted by [natha](#) on Fri, 18 Jun 2010 02:13:29 GMT

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Hi Heinz,

Thank you for your reply.

My problem is using symlinks in Linux and trying to do the recursive search through them.

More details:

My folder contains 4 symlinks and I'm doing the search in the "base" folder.

test/symlink-1 -> data/dir1

test/symlink-2 -> data/dir2

test/symlink-3 -> data/dir3

test/symlink-4 -> data/dir4

I do, `file_search('test','*')` and the result is nothing. data/dir1

contains 10 files, data/dir2 contains 10 files more, etc.

If I do `file_search('test/symlink-1')` the result is correct but the recursive search does not work if I use the test directory. That's what I'm trying to do...

Thanks for your help,

nata

Subject: Re: recursive FILE_SEARCH in a symbolic link ?

Posted by [Maarten\[1\]](#) on Fri, 18 Jun 2010 08:37:23 GMT

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On Jun 18, 4:13 am, nata <bernat.puigdomen...@gmail.com> wrote:

> Hi Heinz,

>

> Thank you for your reply.

> My problem is using symlinks in Linux and trying to do the recursive

> search through them.

This is documented in the file_search help. To avoid infinite loops, file_search will not search within symlinks to directories.

You can recreate the tree, and populate the tree with symlinks to the files. Just make sure that all directories are real. Another alternative is to just don't do Windows, and use the unix find tool through spawn to find your stuff.

Best,

Maarten

Subject: Re: recursive FILE_SEARCH in a symbolic link ?

Posted by [Heinz Stege](#) on Fri, 18 Jun 2010 12:06:32 GMT

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On Fri, 18 Jun 2010 01:37:23 -0700 (PDT), Maarten wrote:

> On Jun 18, 4:13 am, nata <bernat.puigdomen...@gmail.com> wrote:

>> Hi Heinz,

>>

>> Thank you for your reply.

>> My problem is using symlinks in Linux and trying to do the recursive

>> search through them.

>

> This is documented in the file_search help. To avoid infinite loops,

> file_search will not search within symlinks to directories.

>

Yes, I was too careless last night. In reading manuals ;-(and in performing tests. This morning I put a file into the folder, which is the target of a symbolic link. Corresponding to the manual file_search does not see this file (in the symbolic link). It does not find the file in both syntaxes, the recursive and the standard one. So the results on Linux and on Windows are the same. At least for the recursive search.

By the way cygwin does not to create real symbolic links. It simulates them by using Windows-shortcuts.

Heinz

Subject: Re: recursive FILE_SEARCH in a symbolic link ?

Posted by [natha](#) on Fri, 18 Jun 2010 12:55:42 GMT

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Thank you guys,

Why I didn't find this explanation in the documentation ?

Anyway, I have to change some directories....

Have a great day,

nata
