
Subject: Re: Perform 'find' command (LINUX) in IDL environment

Posted by [Kai Heckel](#) on Wed, 27 May 2015 09:04:48 GMT

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Am Mittwoch, 27. Mai 2015 10:27:56 UTC+2 schrieb Helder:

> On Wednesday, May 27, 2015 at 10:19:45 AM UTC+2, Kai Heckel wrote:

>> Am Mittwoch, 27. Mai 2015 09:55:55 UTC+2 schrieb Helder:

>>> On Wednesday, May 27, 2015 at 9:34:09 AM UTC+2, Kai Heckel wrote:

>>>> Hey there!

>>>> For reasons of processing time I'd like to replace a 'FILE_SEARCH' command with a faster 'find' LINUX command.

>>>>

>>>> Here is what I have so far...

>>>>

>>>> mydir = 'F:\startdir\anotherdir\maindir\data'

>>>> cd, mydir

>>>> spawn, 'pwd'

>>>> spawn, 'find' -type f -name "*132.txt"

>>>>

>>>>

>>>> The result should be every text file ending with "132.txt".

>>>> Where am I going wrong here?

>>>>

>>>> Thanks,

>>>> Kai

>>>

>>> Hi,

>>> I have no Linux to test this, but the spawn command expects a string as argument. Therefore I would do something like:

>>>

>>> spawn, 'find -type f -name "*132.txt"

>>>

>>> Not tested!

>>>

>>> Cheers,

>>> Helder

>>

>> Perfect, this works, thanks for that.

>>

>> How can I store the search results in a variable in order to use them in IDL.

>>

>> Something like this:

>>

>> results = spawn, 'find -type f -name "*132.txt"

>

> Look at the spawn documentation: <http://www.exelisvis.com/docs/SPAWN.html>

> The syntax is:

> SPAWN [, Command [, Result] [, ErrResult]]

```
> and result is what you need.  
> So that should rather look like:  
> spawn, 'find -type f -name "*132.txt"', myOutput  
> print, myOutput  
>  
> cheers,  
> Helder
```

Somehow the variable 'myOutput' is empty... no files are found.
I thought I might be in the wrong directory, so I typed: spawn, 'pwd'
... but IDL didn't print anything. Shouldn't the 'mydir' appear after that command?
