Subject: Re: findfile not recognized
Posted by Haje Korth on Wed, 20 Jul 2005 17:30:18 GMT
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What is the problem your are having? Is it that findfile does not work at
all or that findfile does not find your image files? This is an important
difference and not quite clear from your message. If the latter is the case,
have you tried specifying the full path in the search command?

Haje

BTW: findfile is pretty much obsolete. The replacement, file_search, is much
better.

<amohraz@gmail.com> wrote in message
 news:1121878356.720999.55460@g49g2000cwa.googlegroups.com...
>
> I am using IDL version 5.6 for some image processing and particle
> dynamics. We've been using a bunch of algorithms routinely and all of a
> sudden our software has decided to not recognize the command findfile.
> I am trying to read images from the same folder that I'm in, and this
> has worked a million times before but all of a sudden won't work
> anymore and just won't see the files. Does anyone know what's going on
> and how I can fix this?
>

Subject: Re: findfile not recognized
Posted by amohraz on Wed, 20 Jul 2005 18:03:44 GMT
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Thanks a lot for your response, Haje. findfile just doesn't find
anything, and I have tried specifying the full path. It doesn't work!
Thanks for your suggestion on file_search. The problem is I'm using a
lot of routines that were written by other people and frequently use
findfile in them, so I would have to modify a lot of files if I were to
change all of them to file_search.
Do you have any ideas as to how to fix this?
Many thanks again,
Ali

Subject: Re: findfile not recognized
Posted by Haje Korth on Wed, 20 Jul 2005 19:47:59 GMT
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What do you ger when you type

result = findfile('c:\path\to\images*.jpg')

You may want to replace *.jpg with the true extension of you images?

<amohraz@gmail.com> wrote in message
 news:1121882624.312760.62700@g14g2000cwa.googlegroups.com...
> Thanks a lot for your response, Haje. findfile just doesn't find
> anything, and I have tried specifying the full path. It doesn't work!
> Thanks for your suggestion on file_search. The problem is I'm using a
> lot of routines that were written by other people and frequently use
> findfile in them, so I would have to modify a lot of files if I were to
> change all of them to file_search.
> Do you have any ideas as to how to fix this?
> Many thanks again,
> Ali
>

Subject: Re: findfile not recognized
Posted by amohraz on Wed, 20 Jul 2005 21:17:48 GMT
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When I type this command and hit return, it doesn't give me any
messages at all. I then typed the following:
result = findfile('c:\path\to\images*.*', count=nf)
and then
print, nf
it prints 0.

Subject: Re: findfile not recognized
Posted by R.G. Stockwell on Thu, 21 Jul 2005 14:37:15 GMT
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<amohraz@gmail.com> wrote in message
 news:1121882624.312760.62700@g14g2000cwa.googlegroups.com...
> Thanks a lot for your response, Haje. findfile just doesn't find
> anything, and I have tried specifying the full path. It doesn't work!
> Thanks for your suggestion on file_search. The problem is I'm using a
> lot of routines that were written by other people and frequently use
> findfile in them, so I would have to modify a lot of files if I were to
> change all of them to file_search.
> Do you have any ideas as to how to fix this?
> Many thanks again,

> Ali

A couple of suggestions:
your filename is almost certainly to blame.

0) use file_search. Seriously.

1) To be certain you have the correct path, try to read the tif file
filename = '/group2/Ali2/071805/6535j2/6535j20001.tif'

f=findfile(filename,count=nf)
help,f
Result = READ_TIFF(Filename)
help, result
f_search=file_search(filename)
help,f_search

2) are the files ending in tiff rather than tif?

3) is it a network drive and the access is too slow (so the command times
out?)

4) so if you can get the much better file_search() routine to work, perhaps
you could
overwrite the findfile routine (i don't remember ver 5.6, is findfile a
*.pro routine?)
Anyways, if you could write a findfile routine that just called file_search,
that may solve
the problem. Disclaimer, this would be a pretty bad hack, completely
non-portable,
and certain to cause great error and confusion in the future. Only soulless
demons
like myself would even consider the idea. You'd be much better off changing
every
call to findfile in all your source code.

5) do you have a HUGE number of files? That could be a problem. I ran into
a
real damaging bug reading satellite data files, because my findfile routines
would
return something like 98% of the files that actually existed, causing my
robust code
to handle the "missing data" when it was in fact not missing.
In one case, I had to actually cd to the path, and get the current listing
cd,cur=cur
cd,subdirectory
files = findfile('*.'+filetype,count=num)
cd,cur

That was an operating system problem, that went away with the next upgrade
(sorry I don't remember what version, it was a redhat linux of a couple
years ago).

Cheers,
bob