
Subject: Re: cd bug in IDL 5.5

Posted by [R.Bauer](#) on Tue, 18 Jun 2002 07:02:06 GMT

[View Forum Message](#) <> [Reply to Message](#)

Ben wrote:

```
>
>> another, perhaps, bug i have discovered is that the file_expand_path
>> expands from the current working directory (not very handy :x ), not the
>> actual directory where the file might be. It should issue a warning if that
>> file does not exist in the current directory, something like:
>
> I too have noticed that file_expand_path doesn't work the way you
> would hope
> it would. As a solution I wrote my own "search" program that looks for
> a file
> and returns the full path to it. It will look outside of the working
> directory. It returns an array of all paths fitting 'filename'. It's
> probably not perfect but it works.
>
> Hope this helps,
>
> Ben Hildore
> Hope College Nuclear Research Group
>
> function getFilePath, filename
>   dirs = expand_path('+c:\', /all_dirs, /array)
>   filenames = strarr(n_elements(dirs))
>   for i = 0,n_elements(dirs)-1 do begin
>     filenames[i] = findfile(dirs[i] + '\' + filename)
>   endfor
>   return, filenames[where(strlen(filenames) gt 1)]
> end
```

Dear Ben,

it could be easier to use file_which

```
x=file_which('mean.pro')
print,x
/usr/local/idl/idl/lib/mean.pro
```

```
fpe=file_path_name_ext(x)
```

```
print,fpe.path
/usr/local/idl/idl/lib/
```

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/download/file_path_name_ext.tar.gz

For further routines and licensing please have a look at
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html

regards

Reimar

--

Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-I)
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de

a IDL library at ForschungsZentrum Juelich
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html

=====