
Subject: Re: open and read a file

Posted by [Michael Wallace](#) on Mon, 10 Oct 2005 21:35:01 GMT

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The file needs to be relative to your working directory in order for this to work. Even if you have your file in the same directory as the source code, paths are resolved according to your working directory.

You can see your current working directory with

```
IDL> cd, CURRENT=current
```

```
IDL> print, current
```

It is this directory that's being added to the front of the filename. For example, if the current directory were "/my/current/directory", the file that you're attempting to open is actually "/my/current/directory/filename.img" and probably not what you want.

HTH,

-Mike

ChiChiRuiz@gmail.com wrote:

```
> Hi there, I know this is a very easy task to do, but for some reason I
> can't get it to work. I have a .img file into the IDL code folder
> (where I save all the source code), then I run the following lines:
>
> openr, 1, filepath('filename.img')
> image = fltarr(xsize, ysize, zsize)
> readu, 1, image
> close, 1
>
> but I keep getting error message that the system cannot find the file
> specified.
> I thought as long as the .img file is located in the source code
> folder, i don't need to list the full address. What did I do wrong?
>
```

Subject: Re: open and read a file

Posted by [David Fanning](#) on Mon, 10 Oct 2005 23:09:00 GMT

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ChiChiRuiz@gmail.com writes:

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> openr, 1, filepath('filename.img')  
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> specified.  
> I thought as long as the .img file is located in the source code  
> folder, i don't need to list the full address. What did I do wrong?
```

You forgot to use PROGRAMROOTDIR. :-)

```
OpenR, lun, Filepath(Root_Dir=ProgramRootDir(), 'filename.img'), /Get
```

You can find it here:

<http://www.dfanning.com/programs/programrootdir.pro>

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
