
Subject: Re: how to set path?

Posted by [deja_jlin](#) on Fri, 25 May 2001 21:08:41 GMT

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howdy!

you can append additional directory names to the !Path system variable like so:

```
dir_name1 = '~/prog/idl'
dir_name2 = '~/arcsym/tools/idl'
```

```
!Path = dir_name1 + ':' + !Path
!Path = dir_name2 + ':' + !Path
```

the IDL documentation says though that !Path only works for .pro files, etc.

for data files, i generally prefer specifying a string variable that has the entire path in it, and appending it to the filename, like:

```
pathname = '/users/johnny/datafile'
filename = 'foo.dat'
fullname = pathname + '/' + filename
```

maybe someone else has help on specifying paths for data files.

best,
-Johnny

Johnny Lin
CIRES, University of Colorado
Work Phone: (303) 735-1636
Web: <http://cires.colorado.edu/~johnny/>

"web" <jiali3@21cn.com> wrote in message news:<9eg7f8\$c03\$2@mail.cn99.com>...

> Hi, I'd like to know how to set path in IDL. For example, my idl program is
> in some directory. In the program, some datafile will be input. If I donot
> set whole path including the directory, there is a falt indicating that the
> data file cannot be found in rs\idl. I hope that all the file in the same
> directory as idl program will not indict whole path. How to do that? thanks!

Subject: Re: how to set path?

Posted by [davidf](#) on Fri, 25 May 2001 21:23:08 GMT

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Johnny Lin (deja_jlin@my-deja.com) writes:

> maybe someone else has help on specifying paths for data files.

FILEPATH has always worked well for me. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting

Phone: 970-221-0438 E-Mail: davidf@dfanning.com

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

Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: how to set path?

Posted by [web](#) on Fri, 25 May 2001 22:05:52 GMT

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Thank you. I set path like you. I donot think it's a good method. When I change directory, I have to change all, especially when I generate a .sav file and run on another computer.

Sometimes, When I donot set full path, it can work. But sometimes it cannot. Why?

"Johnny Lin" <deja_jlin@my-deja.com> wrote in message <news:56528e1a.0105251308.29cfee5f@posting.google.com>...

> howdy!

>

> you can append additional directory names to the !Path system variable

> like so:

>

> dir_name1 = '~/prog/idl'

> dir_name2 = '~/arcsym/tools/idl'

>

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>
> -----
> Johnny Lin
> CIRES, University of Colorado
> Work Phone: (303) 735-1636
> Web: <http://cires.colorado.edu/~johnny/>
> -----
>

Subject: Re: how to set path?
Posted by [deja_jlin](#) on Sat, 26 May 2001 17:29:43 GMT
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davidf@dfanning.com (David Fanning) wrote in message news:
> Johnny Lin (deja_jlin@my-deja.com) writes:
>
>> maybe someone else has help on specifying paths for data files.
>
> FILEPATH has always worked well for me. :-)
>
> Cheers,
>
> David

:) thanks! i guess i best learn new things when i
try to give advice :)

best,
-Johnny

Johnny Lin
CIRES, University of Colorado
Work Phone: (303) 735-1636
Web: <http://cires.colorado.edu/~johnny/>

Subject: Re: how to set path?

Posted by [deja_jlin](#) on Sat, 26 May 2001 17:33:13 GMT

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"web" <jiali3@21cn.com> wrote in message news:<9eml0t\$P6v\$1@mail.cn99.com>...

> Sometimes, When I donot set full path, it can work. But sometimes it cannot.

> Why?

>

>

sorry, don't know why sometimes a partial path would work :(

best,

-Johnny

Johnny Lin

CIRES, University of Colorado

Work Phone: (303) 735-1636

Web: <http://cires.colorado.edu/~johnny/>

Subject: Re: how to set path?

Posted by [Michael Asten](#) on Tue, 29 May 2001 01:09:16 GMT

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I had a similar problem recently, to do with use of sav files.

When you make a sav file with save, /all , the path is also saved. When the sav file is read on another computer, the path in the sav file becomes the path, replacing whatever path you might think the new computer has. This can give rise to the "sometimes works, sometimes does not" problem. Check the path with the command
print, !path and see if it what it is meant to be.

Regards,

Michael Asten

web wrote:

> Thank you. I set path like you. I donot think it's a good method. When I
> change directory, I have to change all, especially when I generate a .sav
> file and run on another computer.

```

>
> Sometimes, When I donot set full path, it can work. But sometimes it cannot.
> Why?
>
> "Johnny Lin" <deja_jlin@my-deja.com> wrote in message
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>>
>> -----
>> Johnny Lin
>> CIRES, University of Colorado
>> Work Phone: (303) 735-1636
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>> -----
>>

```
