
Subject: Re: Modules directory howto find or link IDL 2 it

Posted by [davidf](#) on Fri, 23 Feb 2001 15:52:23 GMT

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Sean Heukels (sean77=cuthere=@dds.nl) writes:

- > I've written several modules, ones that work,
- > and have proven themselves through time,
- > how do I link them (from a subdir) in IDL???

I'd get Ronn Kling's wonderful new book `_Calling C`
from IDL_. Everything you ever wanted to know in there. :-)
You can order directly from Ronn:

<http://www.rlkling.com/>

- > We have IDL running on Unix, multi user, all with our own homes.
- > I want my version of IDL or in my environment to look for a PRO file
- > in its current directory, then MYmodule directory and then the IDL main
- > module directory.
- > How can I accomplish this?

Add the directories to your !PATH system variable
in exactly that order.

- > Must I set a environment variable??

You don't have to, but many people do. The !Path
system variable obtains its information from the
IDL_PATH environment variable.

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: Modules directory howto find or link IDL 2 it

Posted by [Craig Markwardt](#) on Fri, 23 Feb 2001 16:29:25 GMT

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"Sean Heukels" <sean77=cuthere=@dds.nl> writes:

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- > How can I accomplish this?
- > Must I set a environment variable??

Quick answers. I assume you are running Unix, since that's what it sounds like from your post:

- * if you have an idl_setup script that runs in your login files, then right after that, put the following statement:

```
setenv IDL_PATH $HOME/mymodule:$IDL_PATH
```

or the equivalent in your shell language

- * if you are using a default "idl" script, then you won't be able to set the path variable in your login ahead of time. You can still use a start-up script. In your login file put something like this:

```
setenv IDL_STARTUP ~/.idl_startup.pro
```

and in .idl_startup.pro put this:

```
!PATH = '~/mymodule:' + !PATH
```

Craig

--

 Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu
 Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

Subject: Re: Modules directory howto find or link IDL 2 it
 Posted by [Craig Markwardt](#) on Fri, 23 Feb 2001 16:30:30 GMT
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davidf@dfanning.com (David Fanning) writes:

- ...
- > Cheers,
- >

> David

Welcome back! The group is somewhat lackluster without your presence.
You must be getting tennis elbow. :-)

Craig

--

Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu
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Subject: Re: Modules directory howto find or link IDL 2 it
Posted by [Sean Heukels](#) on Fri, 23 Feb 2001 16:31:18 GMT
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OK

Checked up
IDL_PATH is set by our sysadmin to <DEFAULT_DIR>
When this parameter is passed, a whole bunch of dirs is
in !path when I start up.
I tried passing setenv IDL_PATH="IDL_PATH /mynewdirectory"
But this didn't work either.

Sean

"Sean Heukels" <sean77=cuthere=@dds.nl> schreef in bericht
news:976057\$g68\$1@newshost.accu.uu.nl...
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> Thanks in advance
>
> Sean
>
>

Subject: Re: Modules directory howto find or link IDL 2 it
Posted by [davidf](#) on Fri, 23 Feb 2001 17:08:19 GMT
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Craig Markwardt (craigmnet@cow.physics.wisc.edu) writes:

- > Welcome back! The group is somewhat lackluster without your presence.
- > You must be getting tennis elbow. :-)

I wish. I've been laying hardwood floors. Let's just say any plans I had to leave IDL programming and enter the woodworking trades has been put on a permanent hold. :-(

Cheers,

David

P.S. I'm sore in a couple of places I didn't even know it was *possible* to be sore in.

--

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Subject: Re: Modules directory howto find or link IDL 2 it
Posted by [Craig Markwardt](#) on Fri, 23 Feb 2001 19:08:57 GMT
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"Sean Heukels" <sean77=cuthere=@dds.nl> writes:

- > OK
- >
- > Checked up
- > IDL_PATH is set by our sysadmin to <DEFAULT_DIR>
- > When this parameter is passed, a whole bunch of dirs is
- > in !path when I start up.
- > I tried passing setenv IDL_PATH="IDL_PATH /mynewdirectory"
- > But this didn't work either.

Try this:

```
setenv IDL_PATH /mynewdirectory:$IDL_PATH
```

or

setenv IDL_PATH /mynewdirectory:<DEFAULT>

both should be equivalent.

Craig

```
>
>
> Sean
>
> "Sean Heukels" <sean77=cuthere=@dds.nl> schreef in bericht
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Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu
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