Subject: Re: Modules directory howto find or link IDL 2 it Posted by davidf on Fri, 23 Feb 2001 15:52:23 GMT

View Forum Message <> Reply to Message

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 View Forum Message <> Reply to Message

"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???

>

- > 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?
- > 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 View Forum Message <> Reply to Message

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 Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

Subject: Re: Modules directory howto find or link IDL 2 it Posted by Sean Heukels on Fri, 23 Feb 2001 16:31:18 GMT View Forum Message <> Reply to Message

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...

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

>

- > 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?
- > Must I set a environment variable??

>

> 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

View Forum Message <> Reply to Message

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.

--

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 19:08:57 GMT View Forum Message <> Reply to Message

"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

both should be equivalent. Craig > > Sean > "Sean Heukels" <sean77=cuthere=@dds.nl> schreef in bericht > news:976057\$g68\$1@newshost.accu.uu.nl... >> I've written several modules, ones that work, >> and have proven themselves through time, >> how do I link them (from a subdir) in IDL??? >> >> 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? >> Must I set a environment variable?? >> Thanks in advance >> >> Sean >> >> > Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

setenv IDL_PATH /mynewdirectory:<DEFAULT>