Subject: Re: structure__define

Posted by davidf on Fri, 17 Nov 2000 08:00:00 GMT

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Pavel A. Romashkin (pavel.romashkin@noaa.gov) writes:

- > David, it always helps when you are being specific. You are too far
- > ahead for most of us to catch up.

It would have helped, I think, had I said the "IDL path" (which is what I meant) instead of the "IDL way". But I had sent the 11 year old out to start the car and I had half a mind on what his mother was going to say when she game home to find the garage missing. :-(

Cheers.

David

--

David Fanning, Ph.D.

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

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

Subject: Re: structure define

Posted by Pavel A. Romashkin on Fri, 17 Nov 2000 08:00:00 GMT

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David Fanning wrote:

- > OK, let me be specific. Rename your local file from
- > "structAtheader define.pro" to "structatheader define.pro".
- > That will solve your problem. :-)

David, it always helps when you are being specific. You are too far ahead for most of us to catch up. I too had a problem figuring out what you've meant by "any time IDL is looking for file names automatically, it always assumes all lowercase characters. It does this *specifically* so these programs will run on UNIX machines":-)

- > Files that are named properly--lowercase characters, last
- > program module in the file has the same name as the file,
- > located in the IDL path, etc.--never have to be explicitly
- > compiled. IDL just finds them, compiles them, and runs them
- > when they are needed.

Cheers, Pavel

P.S. I just love the way David explains. I can see the endless patience. I guess I should have attended more of his IDL classes.

Subject: Re: structure__define
Posted by Randall Skelton on Fri, 17 Nov 2000 08:00:00 GMT
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OK. I can answer my own question now. It seems that case sensitivity is somewhat lost on IDL-- the filename <structAtheader__define.pro> was not being found but <structatheader__define.pro> is found fine.

My OS is Linux and I never would have guessed there would be a problem with case sensitivity...

Cheers, Randall

On Fri, 17 Nov 2000, Randall Skelton wrote:

- > Date: Fri, 17 Nov 2000 15:58:32 +0000
- > From: Randall Skelton <rhskelto@atm.ox.ac.uk>
- > Newsgroups: comp.lang.idl-pvwave
- > Subject: structure__define

>

- > Obviously, my last question was a little too general... the jabs about
- > programming in FORTRAN for too long are well deserved. Nevertheless, if I
- > have a misconception here about IDL please point it out rather than just
- > poking fun...

>

- > I cannot seem to get my structure (defined in a local file
- > structAtheader__define.pro) to be recognized without explicitly executing
- > .compile/.run first. i.e.

>

- > IDL> print, !PATH
- > ::/home/dougal/aopp/rhskelto/idl:/usr/local/PACK/idl-5.3/lib /hook:
- > IDL> .run runlog
- > % Compiled module: GET ATOCCULT.
- > IDL> get_atoccult
- > % Attempt to call undefined procedure/function: 'STRUCTATHEADER__DEFINE'.
- > % Execution halted at: GET_ATOCCULT 11
- > /local/home/mulligan/aopp/rhskelto/src/runlog_idl/runlog.pro
- > % \$MAIN\$
- > IDL>

>

Subject: Re: structure__define
Posted by davidf on Fri, 17 Nov 2000 08:00:00 GMT
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Randall Skelton (rhskelto@atm.ox.ac.uk) writes:

```
> Obviously, my last question was a little too general... the jabs about
> programming in FORTRAN for too long are well deserved. Nevertheless, if I
> have a misconception here about IDL please point it out rather than just
> poking fun...
>
> I cannot seem to get my structure (defined in a local file
> structAtheader__define.pro) to be recognized without explicitly executing
> .compile/.run first. i.e.
>
> IDL> print, !PATH
> .:/home/dougal/aopp/rhskelto/idl:/usr/local/PACK/idl-5.3/lib /hook:
> IDL> .run runlog
> % Compiled module: GET ATOCCULT.
> IDL> get_atoccult
> % Attempt to call undefined procedure/function: 'STRUCTATHEADER DEFINE'.
> % Execution halted at: GET ATOCCULT
                                              11
    /local/home/mulligan/aopp/rhskelto/src/runlog_idl/runlog.pro
> %
                  $MAIN$
> IDL>
>
 BUT, if I tell IDL that structatheader__define.pro exists things work?
> IDL> .run structAtheader define
> % Compiled module: STRUCTATHEADER__DEFINE.
> IDL> .run runloa
> % Compiled module: GET_ATOCCULT.
> IDL> get_atoccult
>>>> >>>>> WORKS FINE >>>>>>>>>>
```

OK, let me be specific. Rename your local file from "structAtheader__define.pro" to "structatheader__define.pro". That will solve your problem. :-)

Files that are named properly--lowercase characters, last program module in the file has the same name as the file, located in the IDL path, etc.--never have to be explicitly compiled. IDL just finds them, compiles them, and runs them when they are needed.

Cheers,

David

--

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