Subject: How do I get IDL to see that my procedure exists?
Posted by Bruce Bowler on Wed, 02 Sep 1998 07:00:00 GMT

I'm a relative newbie at IDL so please bear with me...

I wrote an IDL procedure to do what I want. I put it in a directory
called /usr/users/Bowler/idl and called it anyData.pro. The first line
of the file is

 PRO anyData, file, inbounds

and it ends with an END. When I open the file in IDLDE and call it, it
works fine. Now I want to do from the IDL (rather than IDLDE) prompt,
so I do the following

 IDL> !path = !path + ":/usr/users/Bowler/idl"
 IDL> print, !path
  {the path does, indeed, include my directory}
 IDL> anyData, "data.xxx", inbounds

and it says

 % Attempt to call undefined procedure/function: 'ANYDATA'.
 % Execution halted at: $MAIN$

Why??? This is 5.0.2 on a Sparc 5 running Solaris 2.5.1.

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Subject: Re: How do I get IDL to see that my procedure exists?
Posted by davidf on Fri, 04 Sep 1998 07:00:00 GMT

Robert S. Mallozzi (mallors@crazyhorse.msfc.nasa.gov) writes:

> I also ran across this with automatic object/struct
> definitions. It seems to me to be an unneccessary limitation
> that one must name an object something like
>

>   objwithlongname__define.pro
>
> instead of
>
>   objWithLongName__define.pro

Well, I can do whatever I like on *my* computer system. ;-)

Cheers,

David

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

Subject: Re: How do I get IDL to see that my procedure exists?
Posted by mallors on Fri, 04 Sep 1998 07:00:00 GMT
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In article <MPG.10576deb16a589f598968d@news.frii.com>,
 davidf@dfanning.com (David Fanning) writes:
> Bruce Bowler (bbowler@bigelow.org) writes:
>
>> I wrote an IDL procedure to do what I want. I put it in a directory
>> called /usr/users/Bowler/idl and called it anyData.pro. The first line
>> of the file is
>> .
>> .
>> .
>
> Well, Sir, you are working on an operating system that is
> case sensitive. Thus the file "anyData.pro" is different from
> a file named "anydata.pro". As it happens, when you type a
> name of a procedure at the IDL command line:
>
>   IDL> junk
>
> and IDL has to go looking for a file with that name
> (ie. junk.pro), it *always* looks for files with
> lowercase names.
>
> Name your file "anydata.pro" and you will be in business.
>

I also ran across this with automatic object/struct
definitions. It seems to me to be an unneccessary limitation
that one must name an object something like

    objwithlongname__define.pro

instead of

    objWithLongName__define.pro

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