Subject: Re: Attached function doesn't count in IDL 5.1? Posted by Martin Schultz on Fri, 17 Jul 1998 07:00:00 GMT

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Richard G. French wrote:
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> Pao-hung LIN wrote:

>>

> [...]

- both ivds and poly_fita will be compiled, but when my ivds
- try to call the poly fita, IDL 5.1 just tell me that the variable
- is undefined!!!!!!!!!!

>>

- >> Under IDL 4.*, the ivds can call the poly_fita all right, but
- >> not under 5.1WHY?????

- > It may be that in 4.*, you used a different ordering of your
- > functions, or that you first compiled both routines before
- > running either. It may also be connected with the introduction
- > of the [] notation for defining arrays.=

>

- > My suggestion is to put poly_fita in a separate file called
- > poly fita.pro that is on the IDL search path and see if this
- > helps.
- > Dick French

I noticed, too, that something must have changed between IDL 4.x and 5.x: I keep getting those error messages about undefined variables, and I usually eliminate them with a FORWARD FUNCTION statement. But I have the impression this wasn't always necessary in 4.x. But in a way, this function declaration makes the code a little "cleaner", so I am not too sorry about it.

Martin.

Dr. Martin Schultz

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Subject: Re: Attached function doesn't count in IDL 5.1? Posted by Richard G. French on Fri, 17 Jul 1998 07:00:00 GMT View Forum Message <> Reply to Message

Pao-hung LIN wrote:

>

- > The story goes like this, the poly_fit on IDL 4.**
- > doesn't goes well with my data(they are single precision)

>

- > So I write another one called poly_fita where all the
- variable are double precision.

>

- > I attach this function poly_fita at the buttom of my
- > main program, called ivds.

>

******* I believe this is the problem - you need to attach ivds to the TOP of your main program - the function needs to be defined before the first reference to it.

>

- > both ivds and poly_fita will be compiled, but when my ivds
- > try to call the poly_fita, IDL 5.1 just tell me that the variable
- > is undefined!!!!!!!!!!

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It may be that in 4.*, you used a different ordering of your functions, or that you first compiled both routines before running either. It may also be connected with the introduction of the [] notation for defining arrays.=

My suggestion is to put poly_fita in a separate file called poly_fita.pro that is on the IDL search path and see if this helps.

Dick French