Subject: RESOLVE ROUTINE

Posted by darrick.white on Fri, 03 Jan 2003 21:16:49 GMT

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Okay, I'm starting to pull my hair out and I'm sure this is an easy question to answer.

Version: IDL 5.6 Platform: Windows

I want to call the following function (rb_dim_str) from within IDL's library file rb_routines.pro. Before I call the function I have the following piece of code:

RESOLVE_ROUTINE, 'rb_routines', /COMPILE_FULL_FILE, /EITHER

The IDLDE recognizes that the function has been compiled. ROUTINE_INFO(/FUNCTIONS) returns the rb_dim_str. IDL's command line recognizes that the function is compiled (I can type the function at the command line and receive a value back). However, when stepping (running) my application, I get the following error: Variable is undefined: RB_DIM_STR.

Here is a snippet of code:

Function CreateStructure, rb_template_use

ON_ERROR, 2

RESOLVE ROUTINE, 'rb routines', /COMPILE FULL FILE, /EITHER

.

.

result = rb_dim_str(value1, value2)

.

End

Thanks

-Darrick

Subject: Re: RESOLVE_ROUTINE

Posted by Mark Hadfield on Mon, 06 Jan 2003 22:24:50 GMT

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"Darrick White" <darrick.white@med.ge.com> wrote in message
news:e5624c04.0301031316.5ce597d@posting.google.com...
> [snip]
>
> The IDLDE recognizes that the function has been compiled.
> ROUTINE_INFO(/FUNCTIONS) returns the rb_dim_str. IDL's command line
> recognizes that the function is compiled (I can type the function at
> the command line and receive a value back). However, when stepping
> (running) my application, I get the following error: Variable is
> undefined: RB DIM STR.
>
> Here is a snippet of code:
>
> Function CreateStructure, rb_template_use
    ON_ERROR, 2
>
     RESOLVE_ROUTINE, 'rb_routines', /COMPILE_FULL_FILE, /EITHER
>
>
    result = rb_dim_str( value1, value2 )
>
>
> End
< [snip]
Try adding the following declaration to your function
 compile_opt STRICTARR
This makes it clear to the compiler that the reference to rb dim str
is a function call. It may solve your problem.
Mark Hadfield
                    "Ka puwaha te tai nei, Hoea tatou"
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