
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.

--

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