
Subject: resolve_routine

Posted by [Klaus Martin Pontoppi](#) on Tue, 20 Aug 1996 07:00:00 GMT

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I'm having trouble using the resolve_routine procedure as the documentation for this is very sparse. IDL complains that the function/procedure that I'm trying to compile from inside a procedure is undefined! And of course it is undefined - it isn't compiled yet... The syntax as described in the documentation is:

```
resolve_routine, NAME, [/IS_FUNCTION]
```

I'm not sure what the NAME (a string or string array) actually has to be i.e. a path and filename or only a filename in the IDL path. The resolve_routine works fine with the IDL library procedures, but I fail to detect the difference between these and my own procedures. The documentation claims that it works with user-written procedures, so.... I would be most grateful if someone could help me with this problem.

--

Klaus Martin Pontoppidan

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Subject: Re: RESOLVE_ROUTINE

Posted by [David Fanning](#) on Fri, 03 Jan 2003 21:50:13 GMT

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Darrick White (darrick.white@med.ge.com) writes:

- > 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
```

Sigh... I suppose it is asking too much to insist people name their procedures and functions properly to avoid all this rigamarole. And I *know* it is too early in the year to feel this crappy. :-(

I think the problem probably have to do with the order in which the routines are listed in rb_routines. But the chances of getting *that* sorted out are probably about nil.

I'd try adding a FORWARD_FUNCTION RB_DIM_STR just after your RESOLVE_ROUTINE command and see if that doesn't help some.

Or, you could just grab the RB_DIM_STR function out of the library and put it in a file name rb_dim_str.pro and for sure things will work better. :-)

Cheers,

David

P.S. I'd also exit IDL and start over. Once IDL gets its mind made up that something is a variable, it is hard to convince it otherwise.

--

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