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Subject: Re: RESOLVE\_ROUTINE not finding MEDIAN function?

Posted by [David Fanning](#) on Fri, 17 Aug 2012 15:59:23 GMT

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John Correia writes:

> So then I can't use ROUTINE\_INFO on it?

Right. :-)

```
> IDL> info = ROUTINE_INFO('median',/FUNCTIONS,/PARAMETERS)
> % Attempt to call undefined procedure/function: 'MEDIAN'.
> % Execution halted at: $MAIN$
>
> I'm writing a procedure that you pass a function name to as a string
> parameter, and then that function is used later on in the procedure. I'm
> trying to include a check for cases where the caller includes keywords
> but the function does not accept keywords, most likely a user written
> function. The most obvious way seems to be ROUTINE_INFO, i.e.
>
> takeskeywords =
> ((ROUTINE_INFO(funcname,/FUNCTIONS,/PARAMETERS)).NUM_KW_ARG S GT 0)
>
>
> but it seems as if that does not work for system routines. Any other
> suggestions?
```

For system routines, you really have only two choices.

(1) Read the documentation and hardcode the information you need into your program, or (2) call the system routine and CATCH any program errors and handle it in whatever way is appropriate.

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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