
Subject: Re: RESOLVE_ROUTINE not finding MEDIAN function?

Posted by [John Correia](#) on Fri, 17 Aug 2012 15:39:35 GMT

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On 08/17/2012 11:19 AM, David Fanning wrote:

> John Correia writes:

>

>> Am I doing something wrong here? I want to use ROUTINE_INFO on median

>> (well it could be an arbitrary function name, but median is causing a

>> problem), so I use RESOLVE_ROUTINE first to make sure it is compiled,

>> but it is not finding median ??? Must be something obvious I'm missing.

>

> MEDIAN is a system routine. It doesn't need to be compiled. :-)

>

> Cheers,

>

> David

>

>

>

So then I can't use ROUTINE_INFO on it?

```
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?

Thanks,

John
