
Subject: Re: Problem with RESOLVE_ROUTINE
Posted by [Jean\[2\]](#) on Fri, 25 Feb 2011 15:08:07 GMT
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On Feb 24, 2:17 pm, fgg <fabioquimaraesgoncal...@gmail.com> wrote:

> Hi,
>
> I'd like to compile a function from within a procedure, and I'm using RESOLVE_ROUTINE for that:
>
> pro test_pro
> resolve_routine, 'test_func', /is_function
> print, test_func(2)
> end
>
> However, this doesn't seem to be working... if I (1) open the function file (see below), (2) change the return statement to x^3 , (3) close it without compiling it, and (4) run the procedure above again, it will continue to print "4".
>
> function test_func, x
> return, x^2
> end
>
> I have no problems if I enter ".COMPILE test_func" at the command line. Any ideas?
>
> Thank you

I faced this issue several times before I started to have the reflex to always do a full reset before compiling
> .reset

Jean

Subject: Re: Problem with RESOLVE_ROUTINE
Posted by [fgg](#) on Fri, 25 Feb 2011 18:12:31 GMT
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But that can't be used in programs, right?

Subject: Re: Problem with RESOLVE_ROUTINE
Posted by [wlandsman](#) on Fri, 25 Feb 2011 18:31:35 GMT
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On Friday, February 25, 2011 1:12:31 PM UTC-5, fgg wrote:
> But that can't be used in programs, right?

You might try using Craig Markwardt's FILE_COMPILE
http://www.physics.wisc.edu/~craigm/idl/down/file_compile.pro
supplying it with the full path to the file.

This is a wrapper around RESOLVE_ROUTINE that first changes the current directory to be in the directory where the file is located (and then changes back).

--Wayne

Subject: Re: Problem with RESOLVE_ROUTINE
Posted by [fgg](#) on Fri, 25 Feb 2011 19:19:42 GMT
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That works! Thanks again, Wayne.

Subject: Re: Problem with RESOLVE_ROUTINE
Posted by [wlandsman](#) on Fri, 25 Feb 2011 19:29:17 GMT
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On Friday, February 25, 2011 2:19:42 PM UTC-5, fgg wrote:
> That works! Thanks again, Wayne.

It does seem like this is a bug in RESOLVE_ROUTINE. The documentation is very specific in saying that "Routines are compiled even if they are already defined" and it even has a /NO_RECOMPILE keyword to change this default. But it looks like RESOLVE_ROUTINE only recompiles routines in the current directory. --Wayne
