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Subject: Re: compilation strangeness

Posted by [Stewart Allen](#) on Fri, 13 Jul 2012 19:54:53 GMT

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Ah, I've been using compile\_opt IDL2 on all new code for a while now, but this code was written quick and on the fly and I omitted it... Adding it fixes the issue.

Lesson learned: compile\_opt IDL2 is ALWAYS a good idea.

Thanks,  
Stewart

On Thursday, 12 July 2012 17:03:06 UTC-7, Stewart Allen wrote:

```
> Hi,
>
> I am experiencing a strange compilation bug that I can't explain.
>
> I have a procedure 'timeseries' (inside timeseries.pro) that calls a function
'stats' (inside stats.pro). Both files are in my IDL path (although different directories).
However, IDL doesn't automatically find and compile stats when I try to compile timeseries:
>
> IDL> print,file_which('stats.pro')
> % Compiled module: FILE_WHICH.
> /home/scrallen/idl_scripts/sim_code/stats.pro
> IDL> .compile timeseries
>
>      calcstats = stats(rim,sim,arrival=1,tol=(run_number-1)*0.01:1))
>                      ^
> % Syntax error.
> At: /home/data/BH/timeseries.pro, Line 41
> % 1 Compilation error(s) in module TS.
> IDL> .compile stats
> % Compiled module: STATS.
> IDL> .compile timeseries
> % Compiled module: TIMESERIES.
>
> As you can see, I'm forced to explicitly compile stats, even though I'm fairly sure IDL
ought to find it and automatically compile it with timeseries.
>
> Can anyone explain what's going on? And what am I doing wrong?
>
> Cheers,
> Stewart
```

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