
Subject: Re: Suppressing diagnostic messages en masse
Posted by [David Fanning](#) on Fri, 03 Feb 2006 00:57:48 GMT
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Ed Hyer writes:

> I am engaged in semi-permanent debugging of some pretty long scripts,
> which in the course of developing I have peppered with PRINT statements
> to achieve various diagnostic ends.
>
> I don't think the script is "final," whatever that means, but it's time
> to do some production runs, where the script will be invoked 10,000
> times, instead of the usual 1.
>
> I can do a search-and-replace to comment out the diagnostics for this
> purpose, but what would really be nice is if I could somehow put a
> keyword flag into the routine that, when set, would suppress|promote
> the diagnostic messages. Sounds like the sort of thing that might
> exist. Anyone know how to do this?

Had you thought to use MESSAGE to achieve your "various
diagnostic ends", you would be golden. Just set !Quiet=1
and run the darn thing. No messages.

But PRINT is going to print, no matter what.

```
.*****  
,  
PRO test  
  
Print, 'This is PRINT message'  
Message, 'This is a message from MESSAGE.', /Informational  
  
end  
*****
```

```
IDL> .COMPILE test  
  Compiled module: TEST.  
IDL> test  
  This is PRINT message  
  TEST: This is a message from MESSAGE.  
IDL> !Quiet=1  
IDL> test  
  This is PRINT message
```

Cheers,

David

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