
Subject: Re: DELVAR in IDL7.0 for windows

Posted by [David Fanning](#) on Mon, 17 Dec 2007 13:57:00 GMT

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Spon writes:

```
> maybe it's just something about the way I've got things set up, but I
> can't seem to get Variable Watch to update correctly after I use
> DELVAR to delete more than one variable at a time since I upgraded to
> v7.0 - is anyone else having this problem?
>
>> a=1&b=2
>> delvar,a,b
> ; check variable watch -> still says b is defined as value 2, type INT
>> help,b
> IDL> B          UNDEFINED = <Undefined>
>
> As far as I can tell this seems to happen to all parameters that
> DELVAR is called with after the first one, which is handled correctly.
> Can anyone replicate this?
```

Yes, looks like a bug to me. Have you reported it?

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

Subject: Re: DELVAR in IDL7.0 for windows

Posted by [Spon](#) on Mon, 17 Dec 2007 14:22:40 GMT

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On Dec 17, 1:57 pm, David Fanning <n...@dfanning.com> wrote:

```
> Spon writes:
>> maybe it's just something about the way I've got things set up, but I
>> can't seem to get Variable Watch to update correctly after I use
>> DELVAR to delete more than one variable at a time since I upgraded to
>> v7.0
> Yes, looks like a bug to me. Have you reported it?
>
> Cheers,
```

> David

I've sent a report to ITT. I can mail you one using your report template once I get a response from them. That way I can fill in all the required fields :-)

Take care,
Chris

Subject: Re: DELVAR in IDL7.0 for windows
Posted by [jdshaw](#) on Mon, 17 Dec 2007 19:14:01 GMT
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Hi guys,

Here is the original message I sent to ITT:

--- Original Web Submission ---

Since upgrading to IDL 7.0, delvar on the command line only deletes the first variable listed and ignores the rest. This is rather annoying.

If var1, var2, var3 are defined and we do DELVAR, var1, var2, var3 only var1 is deleted, we must use delvar separately for each variable.

Is there a fix?

----- ITT RESPONSE -----

Actually, all three variables are deleted. The problem is with the logic of the Variables View window, which is not updating properly. That is, after your DELVAR call, you will see with "IDL> HELP" that all three variables are no longer listed in the HELP output. Also, the calls "IDL> print, var1" or "IDL> print, var2" will both produce "Variable is undefined" errors. In short, the underlying functionality of the call to the IDL process is fine, but the associated process governing the IDL Workbench has a bug.

I have entered new report C.R.I.D. #50135 ("After a DELVAR Call with Multiple Args, Only the First Arg Is Removed from the Variables View") in our bug-tracking system. Until then, the only workaround I can suggest is to remember to run DELVAR with just one arg per execution. Sorry for this temporary inconvenience.
