
Subject: delete variable name from memory
Posted by [saplizki](#) on Thu, 02 Jun 2005 12:10:02 GMT
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I need to delete my variable from the variable name list.
but i don't locate at the top level (i'm in a gui program) so i can't
'delvar' it.
also i can't (don't want to) zero it because it won't remove from the
variable list (when i press help or use ROUTINE_NAMES or ROUTINE_INFO)
and i use that list at my program.

Subject: Re: delete variable name from memory
Posted by [rm](#) on Mon, 06 Jun 2005 10:39:32 GMT
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saplizki@gmail.com wrote:
> but i do need to removes any notion of ever having seen such a
> variable.
> And David's solutions and Antonio's solutions dosn't do it, so how can
> i really remove it.

I suspect what you want can't be done. If you take the simple code
below, 'A' appears in the variable list even though the line has never
and can never be executed.

```
pro test
```

```
    goto, avoidvariable  
    a=10  
    avoidvariable:
```

```
end
```

```
IDL> .run test  
% Compiled module: TEST.  
IDL> print, routine_info('test', /var)  
    A  
IDL>
```

Subject: Re: delete variable name from memory
Posted by [saplizki](#) on Mon, 06 Jun 2005 20:09:13 GMT
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yes, but the 'delvar' procedure doing it. so how can i use it not from
the top level. i have to use it after an event start a callback

procedure.

Subject: Re: delete variable name from memory
Posted by [Michael Wallace](#) on Mon, 06 Jun 2005 20:53:35 GMT
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saplizki@gmail.com wrote:

- > but i do need to removes any notion of ever having seen such a
- > variable.
- > And David's solutions and Antonio's solutions doesn't do it, so how can
- > i really remove it.

Do you really want to delete the variable or do you just not want to show that it is there in the output from routine_info()? If the latter, you can call routine_info() like normal, but then filter out the variable names that should not show up in the output. The user is shown the rest of the list and has no clue that the other variables exist.

The one problem with this is that you'd have to maintain a list of the variable names that should not be shown. If you were to change the name of a "hidden" variable in your program, you'd also have to edit this list as well. Otherwise the variable would start showing up in your output.

-Mike

Subject: Re: delete variable name from memory
Posted by [saplizki](#) on Tue, 07 Jun 2005 17:23:19 GMT
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This is a good idea on paper but it isn't help me because sometimes the variable name repeat himself so if i erase him from the list i will never find him.

p.s.

The original problem was that i do restore and i don't know what is the restored variable name.
