
Subject: Re: Bug in N_PARAMS?

Posted by [David Fanning](#) on Mon, 24 Nov 2008 22:20:44 GMT

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Kenneth P. Bowman writes:

> I have been having some very odd problems with the N_PARAMS function lately.
> ...
> Am I missing something obvious here?

N_PARAMS only tells you *how many* parameters the command is called with. It tells you nothing about the *type* of the parameter. Since "undefined" is a valid variable type in IDL, it is possible to pass an "undefined" variable and have it counted as a passed *number* of variables by N_PARAMS.

If you are concerned with if a variable is undefined or not, you can't use N_PARAMS to determine this. The only way to tell is to use N_ELEMENTS.

Cheers,

David

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David Fanning, Ph.D.

Coyote's Guide to IDL Programming (www.dfanning.com)

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