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Subject: Re: Is there a way to find every variable in current session where the variable name contains a specific string?

Posted by [Heinz Stege](#) on Fri, 11 Nov 2011 16:21:43 GMT

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On Fri, 11 Nov 2011 02:39:18 -0800 (PST), Rob wrote:

> I wondered if the above was possible in IDL 7. I have 2 datasets which  
> have a lot of variables associated with them and all the variables are  
> prefixed with for example dataset1\_something and dataset2\_something.  
>  
> I know what all the "somethings" are so using EXECUTE to construct the  
> variable name from a string I can loop over all of these variables and  
> operate on them but it would be nicer if there was some way to  
> identify them without needing to know their names beforehand.

You can get a string array with the names of all variables with  
array=scope\_varname()

If you want to know the names of the variables within an IDL savefile  
before restoring it, look for  
IDL\_Savefile::Names

Heinz

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