
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

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

Posted by [rjp23](#) on Fri, 11 Nov 2011 16:26:16 GMT

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On Nov 11, 4:21 pm, Heinz Stege <public.215....@arcor.de> wrote:

> 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

scope_varname will do what I need

Thanks :-)

Rob
