
Subject: Re: globalization of variables

Posted by [David Fanning](#) on Mon, 06 Nov 2006 14:45:51 GMT

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Sven Ohmann writes:

> in the code below I want to use the variable voxel_a0 globally. That
> means, when I try after compilation (successful) to run the program I
> got the message:
>
> variable is undefined : voxel_a0
>
> In principle I want that after starting the program after pressing the
> 'apply_button' (eventhandler=3Dapplydata_event) the variables should be
> stored globally in the structure pState, so that when proceeding the
> program in the subprogram efgalc1_computedim I want to use them again,
> and later on in other functions or subprograms as well. Any idea ?

The variable isn't created yet when you are storing it in your state pointer. It is only created *after* the program runs. So, when you create the state pointer you have to put "dummy" data there to hold the place for the real data to be stored there later.

I typically store something there that I would recognize as "not filled yet". For integers this might be the number -999, for example. For floating point numbers it might be !Values.F_NAN. If you have a pointer field that you don't *know* how to fill, or if what you are going to fill it with will vary in size or type, then, of course, you "hold the space" with a null pointer.

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: globalization of variables

Posted by [David Fanning](#) on Mon, 06 Nov 2006 14:49:14 GMT

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Sven Ohmann writes:

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I forgot to mention this in my last post, but here is
an article that you might want to read to improve your
IDL programs even more

<http://www.dfanning.com/tips/namefiles.html>

Cheers,

David

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Subject: Re: globalization of variables

Posted by [taejon](#) on Tue, 07 Nov 2006 15:26:36 GMT

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Thank you very much for your help, it worked!!!
I am going to read the article today in the evening

regards

sven

David Fanning wrote:

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>

> David

>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
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Subject: Re: globalization of variables
Posted by [taejon](#) on Tue, 07 Nov 2006 15:26:53 GMT
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regards

sven

David Fanning wrote:

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