
Subject: Re: PV-WAVE widgets & Common blocks
Posted by [atmnjl](#) on Fri, 08 Jan 1993 10:08:04 GMT
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In article <1993Jan7.090739.826@ualr.edu>, lindstrom@acs.harding.edu writes:

> In article <1993Jan6.175820.21889@new[Cs2.cis.umn.edu>,
> patel@sparky.drad.umn.edu (8-)) writes:
>
>> Only thing I dislike is passing the parameters by common block.
>> The program look like FORTRAN programs and I hate the common blocks.
>> I was wondering if PV-WAVE can come up with something like a global
>> declarations. This might ease a bit the parameter passing and
>> make it easy to add/delete parameters to be passed.
>
> Amen, brother. We are writing data analysis code which is
> currently ~5000 lines with LOTS of subroutines. There are
> some routines that contain 10 lines or more of common blocks!
> Global variables would greatly reduce at least this aspect of
> the code.

You could keep all your 'global' variables in a structure or two and declare them in the common block. Using structures to group related variables together is good practice anyway. I tend to keep all the variables dealing with a set of widgets and their contents etc in one structure.

Someone suggested another method in this newsgroup a month or two ago, whereby you can use the UVALUE for the widgets to pass information around. This was for IDL, but I imagine it would work for PV-Wave.

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