Subject: Re: PV-WAVE widgets & Common blocks Posted by atmnil on Fri, 08 Jan 1993 10:08:04 GMT

View Forum Message <> Reply to Message

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 parametes 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 os 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 varaibles 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.

Nathaniel Livesey Dept. of Atmospheric Physics Oxford.