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Subject: Re: Lost my 'info' structure

Posted by [David Fanning](#) on Wed, 19 Jun 2002 22:05:11 GMT

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Reno Choi (K.Y.Choi@soton.ac.uk) writes:

```
> I have a widget program that contains child widget function, i.e. as a
> button pressed, new widget pops up for changing properties of a plot
> in parent widget, for instance. Part of the code in event handler is
> as follows,
>
> ...
> 414 WIDGET_CONTROL, event.top, GET_UVALUE=info, /NO_COPY
> 415 get = child(cancel=Canceled, GROUP_LEADER=event.top)
> 416 WIDGET_CONTROL, event.top, SET_UVALUE=info, /NO_COPY
> ...
>
> The XMANAGER error occurs.
>
> % XMANAGER: Caught unexpected error from client application. Message
> follows...
> % Expression must be a structure in this context: INFO.
> % Execution halted at: CHILD 167 A:\child.pro
> %
> % XMANAGER_EVLOOP_STANDARD 478
> C:\_Work\ENVI35\IDL55\lib\xmanager.pro
> %
> % XMANAGER 708
> C:\_Work\ENVI35\IDL55\lib\xmanager.pro
> %
> % PARENT_EVENT 197 D:\parent.pro
> %
> % PARENT 415 A:\parent.pro
> %
> % $MAIN$
> INFO UNDEFINED = <Undefined>
> % Expression must be a structure in this context: INFO.
> % Execution halted at: PARENT 418 A:\parent.pro
> %
> % WIDGET_PROCESS_EVENTS
> %
> % $MAIN$
>
> The error message obviously indicate that it stops at XMANAGER in
> child program, and lost INFO structure from parent program. I couldn't
> find how to keep my INFO structure. The conflict of XMANAGER between
> parent and child may seem to cause the problem.
```

I'm guessing a bit here, because you have only provided a bit of code. But it seems to me the CHILD program is doing something with a variable "info" that isn't defined. Since you didn't pass *this* info structure into CHILD, I presume you have not defined another info structure in the CHILD program. That is the one that is causing you the problem.

However, if you \*do\* pass this info structure into the CHILD program, you are likely to have other problems. One solution would be to put the info structure in into a pointer, then pass that pointer around to all the programs (e.g. CHILD) that needs the information.

> Since I am not quite familiar to use XMANAGER, is there a special  
> keyword for solve the problem?

No. This is a programming problem, not an XMANAGER problem.

> More strange thing is that the same code works in my home PC, whereas  
> it doesn't in my office PC (Same version of IDL). Could such problem be  
> affected by hardware?

No. :-)

Cheers,

David

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