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Subject: Re: Help !

Posted by [davidf](#) on Thu, 01 Apr 1999 08:00:00 GMT

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VU KHAC Tri (tvk@info.fundp.ac.be) writes:

```
> I write a procedure which reads an image when a button pressed.
>
> pro BTLoad_Event, event
>   WIDGET_CONTROL, event.id, GET_UVALUE = info
>   fname = DIALOG_PICKFILE(FILE = info.filename, /READ, FILTER = '*.hdr',
> $
>   /MUST_EXIST, /FIX_FILTER, PATH = path, /NOCONFIRM)
>   IF fname NE "" THEN BEGIN
>     Read_Analyze, fname, info.image
>     ;~~~~~
>   ENDIF
> end
>
> pro Read_Analyze, File, Image
>   ;it reads some data from the file and modifies some fields in Image
> end;
>
> I see that in the Read_Analyze, data is read correctly, but in
> BTLoad_Event, info.image is not modified. Anyone can tell me why ?
```

Because info is a LOCAL variable in this procedure. (You copied the information in the User Value of the top-level base into the LOCAL variable info.) If you make changes, you have to be sure to put it back in the UVALUE before you exit the event handler:

```
WIDGET_CONTROL, event.id, SET_UVALUE = info
END;
```

I still have two cheap IDL Programming books left.  
Lot's of information about widget programming there. :-)

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

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