
Subject: Re: EVENT_PRO

Posted by [David Fanning](#) on Mon, 29 Nov 2010 16:46:42 GMT

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silje writes:

```
>
> Hey, I'm trying to structure my IDL program into several event
> handlers, e.g. one procedure that opens a file, one that save data
> etc. To do this I have used EVENT_PRO like this:
>
> PRO MotionControl
>
> tlb = WIDGET_BASE(column=1, title='MotionControl', tlb_frame_attr=1,
> MBAR=bar )
>   file_menu = WIDGET_BUTTON(bar, VALUE='File', /MENU)
>   file_btn1 = WIDGET_BUTTON(file_menu, VALUE='Open dataset',
> UVALUE='OpenDat', EVENT_PRO = 'OpenData')
>   file_btn2 = WIDGET_BUTTON(file_menu, VALUE='Save dataset',
> UVALUE='SaveDat', EVENT_PRO = 'SaveData')
>
> .....
> etc
>
>
> WIDGET_CONTROL, tlb, /realize
> XMANAGER, 'MotionControl', tlb
>
> end
>
> In this way I have one event handler that is called
> MotionControl_event that takes care of all the events not handled by
> specified EVENT_PRO. I don't know if this is a really bad way of
> structuring my code, even though it does work. Can somebody give me
> some tips?
```

It is a perfectly OK way to structure your code, although you will get in trouble sooner or later with the names of these routines. I would read the "How to Name Files" article again. :-)

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

These event handlers should have names like "MotionControl_SaveData" and "MotionControl_OpenData".

Cheers,

David

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
