
Subject: Re: EVENT_PRO

Posted by [silje](#) on Mon, 29 Nov 2010 17:22:48 GMT

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On 29 Nov, 17:46, David Fanning <n...@dfanning.com> wrote:

> 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

>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Changing the names to something more meaningful shouldn't be any problem :) But it still feels like an easy solution. I also found this in a previous discussion

"If you do use EVENT_PRO to assign an event handler for a top-level base being directly managed by XMANAGER, you will find exceedingly strange things going on in your widget program, if it works at all. Believe me, you don't want to do this. "

http://www.dfanning.com/widget_tips/multiple_widgets.html

Could you explain what you meant by that?

Silje
