
Subject: Re: ? Weird DRAW widget VALUE ?

Posted by [Peter Cornelius](#) on Thu, 28 Jan 1999 08:00:00 GMT

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Re...

Thank you very much for your responses:

David Foster <foster@bial1.ucsd.edu> wrote:

> I would guess that the order of parameters in your common-block
> is incorrect, as the string you are getting looks like it's
> associated with a button or label widget, and you're passing
> this widget to CW_DEFROI().

<rmlongfield@my-dejanews.com> wrote:

> It looks to me that DRAW288_Id is not the ID of WIDGET_DRAW. Try printing it
> in the main program and then print it again in the event program to check
> whether they are the same number. I am also puzzled about why you write
> earlier : WSET, DRAW288_Id since this is the WIDGET_DRAW id and not the window
> ID. Maybe WSET is messing up the DRAW288_Id somehow.

Well, maybe both of you are right, I don't really know. DRAW288_Id does work with all WSETs that occur in the code. But it contains the 'IDL window number' (says the manual):

PRO MainProg, GROUP=Group

[...]

```
DRAW288 = WIDGET_DRAW( BASE290, $  
    BUTTON_EVENTS=1, $  
    MOTION_EVENTS=1, $  
    RETAIN=2, $  
    UVALUE='MainViewDraw', $  
    XSIZE=741, $  
    YSIZE=574)
```

[...]

```
WIDGET_CONTROL, DRAW288, GET_VALUE=DRAW288_Id
```

[...]

END

This window number (more or less) obviously is something different from a 'window id', which in this case is stored in DRAW288. And CW_DEFROI only accepts window ids, not window numbers. So, for the time being, I added DRAW288 to my DRAW_Comm block, and it now sort of works. Thanks a lot.

Still though, the STRING persists, but it seems not to do any harm

(here and at this point...). Just to close this thread, here's the code snippet:

```
[...]
'DISPLAY.Display Mode.ROI': BEGIN
  MESSAGE, 'Event for DISPLAY.Display Mode.ROI', /INFORMATIONAL
  JUNK = WIDGET_INFO(DRAW288_Id, /NAME)
  PRINT, 'HELP, JUNK :' & HELP, JUNK
  WSET, DRAW288_Id
  WIDGET_CONTROL, DRAW288_Id, GET_VALUE=win
  PRINT, 'HELP, WIN :' & HELP, win
  PRINT, 'HELP, DRAW288_Id :' & HELP, DRAW288_Id
  PRINT, 'HELP, DRAW288 :' & HELP, DRAW288
  ROI=CW_DEFROI(DRAW288,/RESTORE)
  PRINT, 'HELP, ROI :' & HELP, ROI
END
[...]
```

now produces:

```
% PDMENU298_EVENT: Event for DISPLAY.Display Mode.ROI
HELP, JUNK :
JUNK      STRING  = 'BUTTON'
HELP, WIN :
WIN       STRING  = 'Display Mode'
HELP, DRAW288_Id :
DRAW288_ID (DRAW_COMM)
          LONG    =      32
HELP, DRAW288 :
DRAW288 (DRAW_COMM)
          LONG    =      52
% Compiled module: CW_DEFROI.
% Compiled module: CW_BGROUPO.
HELP, ROI :
ROI       LONG    = Array(57730)
```

I'm afraid, I'll have to leave that to those with further insight.
Ask me if I can be of any help, if there's still interest in this.

Now, after another lengthy posting, thank you all again, I will now go on and try to produce some other image from this ROI array...

Best regards,

Peter.

Peter Cornelius <pcNOSPAM@inr.fzk.de>