
Subject: widget positioning

Posted by [Patty Howell](#) on Thu, 30 Dec 1999 08:00:00 GMT

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Hi All,

Dumb widget question #547:

How do you position widgets on the screen? Every time I run the procedure, the baseld appears in a different location, sometimes covered up by another window.

Thanks!

Patty

Subject: Re: widget positioning

Posted by [Michael Werger](#) on Wed, 05 Jan 2000 08:00:00 GMT

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Hans-Jürgen Hahne wrote:

```
>
>> my code looks like this:
>
> WID_BASE_0 = Widget_Base( GROUP_LEADER=wGroup, UNAME='WID_BASE_0' $
>   ,YOFFSET=500 ,SCR_XSIZE=453 ,SCR_YSIZE=246 ,TITLE='IDL-Wu' $
>   ,SPACE=3 ,XPAD=3 ,YPAD=3, TLB_FRAME_ATTR=11)
>
> you need the XOFFSET, YOFFSET relatively to the monitor screen.
>
> I would like to know the window-number of that widget-window. Who knows it?
>
> Hans.
```

Hy, again,

What do you refer to by window-number? If you think of the complete widget (defined by the widget_base function and all subsequent child widgets), you have the window number, better widget ID by wid_base_0 in the example above. If you have a draw window inside this widget group, then you get this via (example only):

```
uvalue = {UVALUE,$
xsize:0L,$
ysize:0L,$
draw_window:0L}
base = WIDGET_BASE( TITLE = 'I love Y2k',$
/COLUMN, $
XPAD = 10, YPAD = 10, $
SPACE = 10)
draw = WIDGET_DRAW(base,$
```

```
XSIZE = uvalue.xsize, YSIZE = uvalue.ysize,$  
RETAIN = 2, $  
/BUTTON_EVENTS)  
WIDGET_CONTROL, draw, GET_VALUE = tmp  
uvalue.draw_window = tmp  
wset,uvalue.draw_window
```

here uvalue.draw_window contains the number of the draw widget.
I use this structure because I can put this then into the
UVALUE of the base widget:

```
WIDGET_CONTROL, base, SET_UVALUE=PTR_NEW(uvalue),/NO_COPY
```

and use this easily in subroutines afterwards.

Michael

```
--  
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```
