
Subject: window position / screen size

Posted by [hofer](#) on Wed, 03 Apr 1991 07:28:31 GMT

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Is there a way to get the size of the screen (not the size of the drawing window) in pv~wave. And can you get the position of a window. I want to use a popup menu in a window. If the user moves the window it should popup next time where the user left it last time. I'm using the X driver on a VAXstation running VMS. Our pv~wave version is 3.01.

Thanks in advance

Remo

--

RFC822: <hofer@urz.unibas.ch>

X.400: S=hofer;OU=urz;O=unibas;P=SWITCH;A=ARCOM;C=CH

Subject: Re: Window position

Posted by [peter](#) on Tue, 21 May 1996 07:00:00 GMT

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Matthew Larkum (larkum@pyl.unibe.ch) wrote:

: Does anyone know how to find the position of an IDL window?

: That is, obtaining the information you set with:

: window, xpos=200, ypos=200

: back from the system and hopefully containing any user adjustments

: in the mean time.

device, get_window_position=win_pos

print, win_pos

You'll need to make some corrections for the window trim to get a new window in exactly the same position.

: Thanks,

You're welcome.

Peter

--

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Subject: Re: Window position

Posted by [David Foster](#) on Wed, 22 May 1996 07:00:00 GMT

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Matthew Larkum <larkum@pyl.unibe.ch> wrote:

>
> Does anyone know how to find the position of an IDL window?
> That is, obtaining the information you set with:
>
> window, xpos=200, ypos=200
>
> back from the system and hopefully containing any user adjustments
> in the mean time.
>

One way is to use the widget creation routines to create the window:

```
b = widget_base( xoffset=xpos, yoffset=ypos )  
d = widget_draw( b, xsize=512, ysize=512 )  
widget_control, b, /realize  
widget_control, d, get_value=window_id
```

Then you can use WIDGET_CONTROL to get info on the top-level-base:

```
widget_control, b, tlb_get_offset=xy_pos ; xy_pos=lonarr(2)  
widget_control, b, tlb_get_size=xy_size ; xy_size=lonarr(2)
```

You can also get info using the GEOMETRY keyword to WIDGET_INFO().

You can reposition the widget with TLB_SET_OFFSET keyword to WIDGET_CONTROL().

I never use IDL's WINDOW command because you have very little control once you've made the window. It would be simple to make a procedure to use the widget-creation routines to make a new window and return the TLB widget ID (maybe as keyword). I do something similar to this in all of my programs.

Hope this helps.

Dave Foster
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