

---

Subject: Re: how do I do \*that\*?

Posted by [davidf](#) on Thu, 19 Nov 1998 08:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Peter Clinch ([p.j.clinch@dundee.ac.uk](mailto:p.j.clinch@dundee.ac.uk)) is coming over from the dark side when he writes:

> I'm just converting an old widget program from PV~Wave to IDL: it's  
> pretty much a re-write with rather better functionality, but for various  
> reasons it needs to be done by, oh, yesterday, so some help would be  
> much appreciated!  
>  
> The program is to define ROIs in sequential slices of a stack MRI brain  
> images, so the basis is a CW\_ZOOM to allow the user to identify the bit  
> they're interested in and then zoom in to make the definition easier.  
> Now the bit I can't work out, which is getting the widget ID of the draw  
> window that CW\_ZOOM's using for the display, so I can pass that into  
> CW\_DEFROI.  
>  
> Any suggestions as to how this is done, or alternative strategies to get  
> the ROI set on a CW\_ZOOM widget window?

I think the easiest thing to do is simply to modify the CW\_ZOOM event structure to include the ID of the draw widget as well as all of the other information that is returned. You will have to exit IDL after you make this change because this is a named structure.

If you prefer not to modify the CW\_ZOOM code for some reason, then you can simply traverse the widget hierarchy until you find the draw widget. As it happens, it is the first child of the first child of the compound widget's top-level base.

So, assuming that you get the CW\_ZOOM event in your event handler, you can find the draw widget ID like this:

```
firstChild = Widget_Info(event.id, /Child)
drawID = Widget_Info(firstChild, /Child)
```

Cheers,

David

--

David Fanning, Ph.D.  
Fanning Software Consulting  
Phone: 970-221-0438

E-Mail: davidf@dfanning.com

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

---