
Subject: Re: Sharing an info structure

Posted by [Daniel Peduzzi](#) on Sat, 06 May 2000 07:00:00 GMT

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Mark Guagenti wrote in message ...

>
> Hello,
> I'm just starting to learn IDL and am working on an application that has a
> main window(widget) and also has another window(widget) that I want to use
> as a toolbar. My problem seems to be when I call a procedure when one of
> the buttons gets clicked from the toolbar. I want to be able to get the
> the structure (called info) that is used for my top level base, and use
> that information in the procedure I called from my toolbar window. If
> anyone could please explain how I can do this it would be very
> appreciated. Thanks!
>

One way to do this is to save the main window TLB identifier as a user value for your toolbar TLB. Then, whenever you write an event_pro for a button on your toolbar, you can include the lines:

```
widget_control, event.top, get_uvalue=main_tlb  
widget_control, main_tlb, get_uvalue=info
```

Dan

Dan Peduzzi
peduzzi@mediaone.net

Subject: Re: Sharing an info structure

Posted by [davidf](#) on Sat, 06 May 2000 07:00:00 GMT

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Struan Gray (struan.gray@sljus.lu.se) writes:

> Cor. 1:3
>
> I first read that as 1 Cor. 13. Hope and Faith are essential
> in IDL progamming. This newsgroup provides the Charity.

Amen to that! :-)

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/>

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Subject: Re: Sharing an info structure

Posted by [Struan Gray](#) on Sat, 06 May 2000 07:00:00 GMT

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Mark Guagenti, mgenti@evansville.net writes:

- > I want to be able to get the the structure (called info)
- > that is used for my top level base, and use that information
- > in the procedure I called from my toolbar window.

There are many ways to do this, but the simplest is to get your toolbar to use `WIDGET_CONTROL /SEND_EVENT` to send a new, custom event to the top level base and to call the actual procedure from the top level base's event handler. The custom event must have the correct first three fields, but you can put whatever you like in subsequent fields to tell the top level base where the event is coming from or what it should do. Alternately, make the custom event a non-anonymous, named structure and the top level base's event handler can test all events for that particular structure name using the `TAG_NAMES /STRUCTURE_NAME` function.

The 'modern' and more flexible way is to make your widgets into objects and have the toolbar call a method belonging to the top level base. This isn't as hard as it sounds and is very powerful as a general technique.

- > 1 Cor. 1:3

I first read that as 1 Cor. 13. Hope and Faith are essential in IDL programming. This newsgroup provides the Charity.

Struan
