
Subject: Re: Parent Child relationship in IDL

Posted by [David Fanning](#) on Wed, 23 Jun 2004 12:05:22 GMT

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IDLmastertobe writes:

> I just implemented a .pro program that displays an image in its draw
> window. The program is able to draw a box on top of this image where the
> area of the image enclosed by the box will be zoomed in on another window.
> Next, the program takes the image enclosed by the box and passes it on as
> a parameter to itself using the 'CALL_PROCEDURE' method.
>
> Essentially, I now have two of the same .pro programs running, where the
> first window has the original image, and the second window has the zoomed
> image.
>
> My problem is that I would like to redraw the box on the first window, and
> output the zoomed image to that same second window. However, the program
> displays the image enclosed by the box on a third window. How can I
> construct a relationship between the parent and child window?

You don't need a relationship. You just need to know what
window you are drawing into, an indisputable requirement
in **every** widget program that uses draw widgets!

Here is the rule: Don't draw graphics unless you know
exactly where they are going to show up. :-)

Have a look at ZIMAGE. It does, uh, more or less, what
you are trying to do:

<http://www.dfanning.com/programs/zimage.pro>

Cheers,

David

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