
Subject: Re: ROI on map

Posted by [David Fanning](#) on Tue, 19 Sep 2006 11:56:12 GMT

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Axel writes:

> Thanks, my widget programming is a bit rusty, so I was looking at the
> DEFROI function and was looking for something equivalent for a
> non-image "direct" graphic.

Well, widgets usually use "direct" graphics. At least mine do.

I suppose you could do something like this in a regular IDL window, but the code will be so convoluted and ugly that it hardly seems worth it to me. Your widget programming skills don't have to be very spectacular to make something like this work, though. Something very, very basic is probably enough. :-)

> I think I can work from your example though, thanks! When you say
> restore coordinate space you mean that I reset the system variables
> !X,!Y and !MAP to the saved values by
> simply setting:
> IDL> saved_map= !MAP
> IDL> e.g. plot,x,y
> IDL> !MAP=saved_map

That's what I mean. (Although, usually in the reversed order of this.)

```
Plot, x, y
bangX = !X
bangY = !Y
```

Then, later in your program when you need to know this data coordinate space is set up properly:

```
!X = bangx
!y = bangy
```

Cheers,

David

--

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
