
Subject: nonexclusive button goup woes...

Posted by [David Bowman](#) on Wed, 20 Sep 2000 07:00:00 GMT

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Hi all. I have a (hopefully) simple question about the CW_FORM routine:

I'm creating a set of nonexclusive buttons, and I want to set the default values all at once using the set_value keyword... The problem is, how do I set multiple values? For example:

```
IDL>d=['1,base,,column',  
      '0, button, ok, quit',  
      '2, button, option1|option2|option3|option4, set_value=1 0 0 1']  
IDL>a=cw_form(desc,/column)
```

How do I make, for example, option1 and option4 set by default? I've tried set_value=1001, set_value=[1,0,0,1], set_value=1|0|0|1 and various other combinations, but nothing seems to work... Any ideas?

Thanks in advance.

--

David Bowman "Smash forehead on keyboard to continue."
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Subject: Re: None

Posted by [Benjamin Hornberger](#) on Wed, 08 Jun 2005 15:46:43 GMT

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Rainnie, JA (John) wrote:

> Hi Benjamin

>

> What sort of ROI did you have in mind - a rectangular ROI defined by 2

> points or a freehand type?

Freehand, but it would be nice to have a selection of tools for rectangle, ellipse, polygon and freehand.

Benjamin

>

> John
>
> -----Original Message-----
> From: Benjamin Hornberger [mailto:benjamin.hornberger@stonybrook.edu]
> Posted At: 03 June 2005 18:45
> Posted To: idl-pvwave
> Conversation: defining regions of interest in widget programs
> Subject: defining regions of interest in widget programs
>
>
> Hi all,
>
> It's the first time I'm trying to define and use ROIs, so I have the
> basic question of what's the best way to do it. Basically, I want to
> allow the user to define a ROI in a widget program, be able to display
> it with some kind of color shading (possibly the original image shining
> through) and manipulate the image pixels within the ROI. I checked the
> IDL help and the newsgroup archive and drew the following conclusions
> (without doing much testing yet):
>
> 1. DEFROI is not for widget programs.
>
> 2. CW_DEFROI is meant to do what I want, but is kind of clunky.
> According to the source code, it's been written 1993 and never updated.
>
> 3. XROI would actually work well, but (1) opens the image in its own
> window, while I would prefer to define the ROI in my existing draw
> widget, and (2) offers tons of options which will confuse the user
> (statistics, histogram, multiple ROIs, even loading a new image) and
> which I would preferably not offer to him.
>
> 4. David recommends to write your own code to define ROIs. As I
> understand it, I would include some code to draw a freehand or polygon
> path and then use POLYFILLV to get all indices of the ROI.
>
> I'd appreciate any comments and recommendations. Does anyone has
> home-made code to do the job?
>
> Thanks,
> Benjamin
>
