Subject: Using defroi on a zoomed image
Posted by Daniel Otis on Thu, 12 Sep 2013 02:47:07 GMT
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I am trying to display and image using tvscl and then define an irregular roi using defroi. However, the image to be displayed is small and I want to zoom in on the image and then define the roi. Here is the code:

```
xsize=255
ysize=238
restore,'TB_bath.dat'; Contains variable TB_bath(255,238)
window,0,xsize=xsize,ysize=ysize
loadct,13
tvscl,TB_bath<(-3)>(-7)
zoom,xsize=xsize,ysize=ysize,/keep
x=defroi(xsize,ysize)
```

This does the zoom just fine, but then I need to exit out of the zoom window before I can define the roi. I want to define the roi on the zoomed image.

Any ideas are appreciated. Thanks,

Dan

Subject: Re: Using defroi on a zoomed image
Posted by David Fanning on Thu, 12 Sep 2013 03:22:27 GMT
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dotis@mail.usf.edu writes:

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> This does the zoom just fine, but then I need to exit out of the zoom window before I can define the roi. I want to define the roi on the zoomed image.
>
> Any ideas are appreciated. Thanks,

I would do it like this:

```
image = cgdemodata(11)
help, image
;;IMAGE          BYTE      = Array[248, 248]
cgdisplay, 248*4, 248*4
cgimage, image
x=defroi(248, 248, zoom=4)
;;% DEFROI: Left button to mark point
;;% DEFROI: Middle button to erase previous point
;;% DEFROI: Right button to close region

; To check if we have done this correctly.
snap = image
snap[x]=0
cgdisplay, 200, 200, wid=1
cgimage, snap
```

Cheers,

David
--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")
