
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:

```
>
> 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,
```

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

--

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

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