
Subject: Re: retrieving regions from a IDLanROIGroup
Posted by [David Fanning](#) on Mon, 06 Dec 2004 14:11:56 GMT
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Miriam Saldana-Munoz writes:

```
> I select automatically ROIs(from a binary image)
> and store them in a region group in the following way:
>
> ;thresHimage...binary image
>   CONTOUR,thresHimage,level=1,xmargin=[0,0],$
>   ymargin=[0,0],/noerase,path_info=pathInfo,$
>   path_xy=pathXY,xstyle=5,ystyle=5, /path_data_coords
> ;create the oRoiGroup
>   oRoiGroup=OBJ_NEW('IDLanROIGroup')
> ;input the data of each of the contour paths
> ;into IDLanROI objects
>   FOR I=0,N_ELEMENTS(pathInfo)-1 DO BEGIN
>     ;initialize oRoi with the contour information of
>     ;the current region
>     line=[LINDGEN(pathInfo[I].N),0]
>     oRoi=OBJ_NEW('IDLanROI',$
>       (pathXY[*,pathInfo[I].OFFSET+line])[0,*],$
>       (pathXY[*,pathInfo[I].OFFSET+line])[1,*], /interior )
>     ;add to oRoiGroup
>     oRoiGroup->Add,Oroi
>     ;destroy the oRoi object
>     OBJ_DESTROY,oRoi
>   ENDFOR
>
> This works quite good and typing "help,oRoiGroup", IDL prints:
>   OROIGROUP OBJREF  = <ObjHeapVar1736(IDLANROIGROUP)>
>
> Next, I want to grow each of these regions (with region_grow),
> so I need to retrieve them from oRoiGroup. I do it in this
> way:
>   SomeRoi=oRoiGroup->Get(position=0)
>
> typing "help,someRoi", IDL prints:
>   SOMEROI   OBJREF  = <ObjHeapVar1737>
>
> If now I try to use any IDLanROI method it does not work!!,for instance:
>   someRoi->getProperty,all=variable
> IDL prints:
> % Invalid object reference: SOMEROI.
>
> I would be very grateful if someone could tell me what I am doing false.
```

Well, you are destroying the object! That will make it hard to recover. :-)

Take that OBJ_DESTROY out of there.

Cheers,

David

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