
Subject: XROI & Regions_out question

Posted by [Karthik](#) on Sun, 04 Jan 2004 23:19:27 GMT

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Hello All,

Another question! I want the user to draw a roi on an image
*(*pstate).image and the roi is returned to array *(*pstate).pri_region
and this is what I did:

In my main code I have these two lines:

```
;;Get the primary activation region  
*(*pstate).pri_region = roi_draw(bytescl(*(*pstate).image))
```

And the function roi_draw is as given below:

```
FUNCTION roi_draw, inarray  
;;inarray= Array to display in xroi programme  
  
xroi, inarray, Regions_out = rois, /block  
lastroi = rois[N_Elements(rois)-1]  
lastroi -> GetProperty, Data = polygon  
rois[N_Elements(rois)-1] -> GetProperty, Data = polygon  
indices = polyfillv(polygon[0, *], polygon[1, *], 128, 128)  
  
return, indices  
END
```

When I run the main programme I get the following error:

```
% XMANAGER: Caught unexpected error from client application. Message  
follows...  
% Expression must be a structure in this context: EVENT.  
% Execution halted at: ROI_DRAW      5  
/home/karthik/test_simset/PRO/test.pro  
%          START_SIMSET    167  
/home/karthik/test_simset/PRO/simset_front_end.pro  
%          XMANAGER_EVLOOP_STANDARD 478  
/usr/local/rsi/idl_5.5/lib/xmanager.pro  
%          XMANAGER      708  
/usr/local/rsi/idl_5.5/lib/xmanager.pro  
%          SIMSET_FRONT_END 556  
/home/karthik/test_simset/PRO/simset_front_end.pro
```

Any ideas why I get this error and how I solve it?
Thanks.

Karthik.
