
Subject: xroi large images

Posted by [Karsten Rodenacker](#) on Thu, 17 Feb 2005 10:58:21 GMT

[View Forum Message](#) <> [Reply to Message](#)

I have a small problem to draw in xroi a box if the image is large and hence displayed with scroll bars. Is there any knowledge how to draw the box into the image not displayed?

Thanks in advance
Karsten

I am using a small routine:

```
function xroi_pick, image, box=box, square=square
  xroi,bytsc1(image),regions_out=r,/block,tools='Rectangle'
  if obj_valid(r) then begin
    r->getProperty,data=d
    xmin=min(d[0,*],max=xmax)
    ymin=min(d[1,*],max=ymax)
    box=[xmin,ymin,xmax,ymax]
    obj_destroy,r
  if keyword_set(square) then begin
    dx=xmax-xmin+1
    dy=ymax-ymin+1
    if dx lt dy then box=[xmin,ymin,xmax,ymin+dx-1] $
    else box=[xmin,ymin,xmin+dy-1,ymax]
  endif
  return,n_elements(size(image,/dim)) eq 2? $
  image[xmin:box[2],ymin:box[3]]:image[*,xmin:box[2],ymin:box[3]]
endif else return, -1l
end
```

--

Karsten Rodenacker

----- :-)

GSF - Forschungszentrum Institute of Biomathematics and Biometry
D-85758 Oberschleissheim Postfach 11 29
Karsten.Rodenacker@gsf.de | <http://ibb.gsf.de/>
<http://ibb.gsf.de/homepage/karsten.rodenacker/>
Tel: +49 89 31873401 | FAX: ..3369

Subject: Re: xroi large images

Posted by [David Fanning](#) on Fri, 18 Feb 2005 14:21:53 GMT

[View Forum Message](#) <> [Reply to Message](#)

Karsten Rodenacker writes:

> I have a small problem to draw in xroi a box if the image is large and
> hence displayed with scroll bars. Is there any knowledge how to draw the
> box into the image not displayed?

I haven't really looked at the XROI code, but I suspect it will have to be modified so that in the section dealing with MOTION events associated with drawing the rubberband box you are also looking to see if the viewport needs to be moved. No time this morning to check to see if this is easy or extremely hard. XROI has never really been my favorite example of well-written IDL code. :-)

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
