Subject: Re: sending roi's to iTools
Posted by Chris[2] on Fri, 11 Mar 2005 16:49:20 GMT

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Hi Peter,

Here's one possibility. Let me know if something doesn't make sense.


```
iImage, hanning(500,500)
it = itgetcurrent(TOOL=oTool)
; Retrieve the image visualization.
oImage = (oTool->GetSelectedItems())[0]

; Construct an ROI visualization.
oDesc = oTool->GetAnnotation('ROI')
oROI = oDesc->GetObjectInstance()

vertices = [[200,200,0], [300,200,0], [300,300,0], [200,300,0]]

; Create a data object to store the vertices, and
; set it as the VERTICES parameter on the ROI.
oData = OBJ_NEW("IDLitData", vertices, NAME='ROI Vertices', $
   TYPE='IDLVERTEX', ICON='segpoly')

; set data object as VERTICES parameter on the ROI.
; Use BY_VALUE so the data object gets cleaned up automatically.
success = oROI->SetData(oData, PARAMETER_NAME='VERTICES', /BY_VALUE)

; Add the ROI to the Image, and we're done.
oImage->Add, oROI
```


Cheers,
Chris
Research Systems, Inc.

<peter.eddy@shaw.ca> wrote in message
 news:1110054590.689714.213610@g14g2000cwa.googlegroups.com.. .
> Greetings,
> I frequent this newsgroup as its always a good way to prevent problems
> I haven't run into yet, though my IDL experience keeps me from posting
> anything helpful =p.
>
> I am trying to display roi's defined in a procedure as 'IDLanROI'
> objects. These roi's are defined in a FOR loop and I would like to
> pass them to an existing iImage session (with the original image

> displayed) possibly with a unique color for each.
>
> I have read Dave Fanning's tips suggesting the use of the
> _IDLitSys_GetSystem() reference to replace image data but cant seem to
> figure out how iImage handles the roi's.
>
> Any help would be appreciated.
>
> Thanks in advance,
> Peter
>