
Subject: Segmentation of Multiple ROIs

Posted by [idlfreak](#) on Mon, 28 Jan 2002 07:13:30 GMT

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

hi,

I have a small problem and the solution must be pretty simple too, i'm not able to figure it out though.

I can mark one ROI and then i segment the image that are outside that ROI.

The code i wrote was this:

```
mask = oROI->ComputeMask(DIMENSIONS = [state.xdim, state.ydim],  
MASK_RULE=2)  
final = (mask) and (state.image)  
help, final  
region = search2d(final, 10,10,0,45)  
help, region  
final[region] = 0B  
state.oModel -> SetProperty, HIDE = 1  
state.oImage = Obj_New('IDLgrImage', final)  
state.oModel = Obj_new('IDLgrModel', HIDE = 0)  
state.oModel -> Add, state.oImage  
state.oView -> Add, state.oModel  
state.oWindow -> Draw, state.oView
```

I have a small problem in segmenting the heart alone completely from CT image as there are so many small soft tissues connecting them. If i can mark the arteries and veins that i need individually then it'll be a lot easier. I've written code to draw as many ROIs i want in an image.

The problem is i want to segment all the ROIs only from the entire image.

Can anybody help me with that?

Thank you

Cheers,
Akhila.
