Subject: ROI stack
Posted by megan17 on Thu, 12 Jun 2008 21:45:25 GMT
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Hello,
Can anyone see where I'm going wrong here? I'm trying to generate a binary mask of a multislice MRI image. When I run this at the command line it works, but when I put it in a loop, it fails to return anything. i.e. all variables of interest are "undefined"
Any help/tips would be appreciated!
Thanks,
Megan
AT COMMAND LINE:

```
xroi, img[*,*,i], regions_out = roi, /Block
mask = roi -> ComputeMask(Dimensions = dims, Mask_Rule=2)
masks[*,*,i] = mask
```

LOOP:

```
pro twodmask
img = read_nifti(dialog_pickfile())
dims = size(img[*,*,3], /dimensions)
s = size(img, /dimensions)
n_slices = 2   ;s[2]
masks = fltarr(dims[0], dims[1], s[2])
for i = 0,n_slices-1  do begin
    xroi, img[*,*,i], regions_out = roi, /Block
    mask = roi -> ComputeMask(Dimensions = dims, Mask_Rule=2)
    masks[*,*,i] = mask
    endfor

end
```