Subject: Re: how to put bounding box over detected regions?
Posted by Gray on Sun, 06 Feb 2011 13:57:57 GMT

On Feb 6, 1:35 am, vijay <vijayans...@gmail.com> wrote:
> hi friends,
>
>   i have a segmented image and the segmented features are
> white and the remaining are made zero. I want to put bounding box over
> each region separately. how i can do this?
>
> the link to image ishttps://picasaweb.google.com/vijayansiva/Idl#5570459623606 388546
>
>   thanks in advance.

You probably want to use label_region.

Subject: Re: how to put bounding box over detected regions?
Posted by James[2] on Mon, 07 Feb 2011 17:45:06 GMT

On Feb 6, 5:57 am, Gray <grayliketheco...@gmail.com> wrote:
> On Feb 6, 1:35 am, vijay <vijayans...@gmail.com> wrote:
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> You probably want to use label_region.

Yeah, Label_Region in conjunction with the reverse indices output from
Histogram. This would work, assuming you have a procedure DRAWBOX
that draws bounding boxes.

```
regs = label_region(image)
hist = histogram(regs, reverse_indices = r, min = 1, omax = n_regs)
for i = 0, omax - 1 do begin
   coords1d = r[r[i]:r[i+1]-1]
   coords2d = array_indices(image, coords1d)
   lower_left = min(coords2d, dimension = 2, max = upper_right)
   drawbox, lower_left, upper_right
```

endfor