
Subject: Re: how to put bounding box over detected regions?

Posted by [James\[2\]](#) on Mon, 07 Feb 2011 17:45:06 GMT

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

On Feb 6, 5:57 am, Gray <grayliketheco...@gmail.com> wrote:

> 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 is <https://picasaweb.google.com/vijayansiva/IdI#5570459623606388546>
>
>> thanks in advance.
>
> 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
```
