Subject: Re: Label Region trouble
Posted by btt on Wed, 11 Feb 2004 15:26:18 GMT
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Nuno Oliveira wrote:
> Thanks for the solution, Ben. Well, it's little bit embarrassing to me. I've
> read the description of the Label_Region function, but obviously not that
> careful.
>
>
Hi,

You shouldn't be embarassed. I have been there, too! I think if you searched the Google database for this ("label_Region" and "Edge") you find that I *really* have been there. There maybe other, faster, ways of doing this.

The only thing you should be embarassed about is using CW_DEFROI (just kidding!)

>
> I'm not sure if I understood your suggestion of using histogram function. I
> read the description of the function and perhaps I still don't get it.
>

Yeah, well, only JD really knows how histogram works - I just ape the same steps over and over. You should look at JD's tutorial on HISTOGRAM. David F hosts this for the benefit of all at http://www.dfanning.com/documents/tips.html#Tutorials

> hist = HISTOGRAM(data, REVERSE_INDICES=R)
>
>
>
> To get de indices for first region defined by label region (the indices that
> are equal to 1) I should do... (according to the reference guide.)
>
>
>
> i = 1
>
> blob = data(R[R(i):R(i+1)-1])
>
> Is that it? If I haven't made any mistake I'm trying this and I get nothing
> back (or I get strange array with two indices when should have much more)

Well, I'm not sure what is happening. I suggest that you make sure that data is the labeled image (not the original). Also, note the following...

i = 1

hist[i] = number of pixels in bin number i
 (in this case i is also the pixel values)

indices = R[R[i]:R[i+1]-1] = data indices for all of the pixels in bin i

blob = data[indices] = all of the pixels in bin i
 (in this case they should all have a value of i)

Ben
