Subject: Re: Label Region trouble

Posted by Nuno Oliveira on Wed, 11 Feb 2004 14:28:05 GMT

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.

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.

If I make

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)

Cheers,

Nuno.

"Ben Tupper" <btupper@bigelow.org> wrote in message
news:c0b9sg$15875l$1@ID-189398.news.uni-berlin.de...
>
> Hello,

>
> Yes, it is a bit aggravating. The Label_Region function treats the
> boundary of the image as background. Here's the blurb on the input
> argument from the documentation....
>
> " A n-dimensional image to be labeled. Data is converted to integer type
> if necessary. Pixels at the edges of Data are considered to be zero."
>
> If you have a lot of blobs within an image, you might prefer to use the
> HISTOGRAM function with REVERSE_INDICES to navigate around the blobs.
> It will save repeated calls to WHERE which has to search the entire array.
>
> Ben
>