
Subject: Re: Need Some Good Ideas

Posted by [David Fanning](#) on Thu, 21 Feb 2002 16:09:48 GMT

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Ronn Kling (ronn@rlkling.com) writes:

> After you draw the contours around your blobs then create a blank pixmap of
> the same size as the image. (I am guessing that you are using device
> coordinates) Then draw the contour to the pixmap in a single color like 255.
> Do an `im= TVRD()` to get a new image and then do an `indices = where(im eq`
> `255)`. Turn these back to x,y coords and you have a very nearly evenly
> spaced series of points.

I've used this method before, and it might actually work in this instance too, although it seems such a hack I'm always embarrassed to have it in my "professional" code. :-)

One of the problems with it, incidentally, is that the points returned by the `WHERE` function are not in the order you expect them to be in. That is to say, the `WHERE` function doesn't find one end of the line and proceed to the other end. It can jump around, depending (I suppose) on how the line is oriented on the image. We learned this to our dismay when we were using this method to calculate the length of line segments. We had to add a routine to sort the `WHERE` indices into a real line!

Cheers,

David

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