
Subject: Re: find_boundary routine

Posted by [brian_frizzelle](#) on Wed, 24 Mar 2004 18:29:01 GMT

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David and Ben,

Thanks for the assistance. I now understand how David's routine works, and it attacks this perimeter problem in a different manner than what I needed. So I wrote a different routine which will calculate the boundary of a region in an array, as long as all cells in the region are coded with a 1.

The reason that the FIND_BOUNDARY routine didn't work for me is that I needed to calculate the perimeters from the pixel corners rather than the centers. So a one-pixel region should have a perimeter of 4, and a 2-by-2 region should have a perimeter of 8. In your routine, the one-pixel region's perimeter would be 0, and the 2x2 pixel region's perimeter would be 1.

If anyone is interested, I can post my code.

Brian
