
Subject: perimeter of a blob

Posted by [Ben Tupper](#) on Wed, 26 Jan 2000 08:00:00 GMT

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```
<!doctype html public "-//w3c//dtd html 4.0 transitional//en">
```

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<html>
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I am looking for an efficient means of finding the perimeter of contiguous blobs of pixels within an image. These blobs are the regions returned by the LABEL_REGION function. I have been using the trusty brute-force-and-ignorance approach where I scan rows and columns within each blob, recording the min and max coordinates of each row/column. It is a cumbersome task and leaves gaps in certain areas (especially concavities in the blob.)

<p>I'd like to try something that does the following:

<p> Input image and blob info -> Something mysterious happens inside the computer -> Output the index values of the perimeter of the blob

<p>I think this closely approximates the reverse of POLYFILLV (pretty close anyhow.)

<p>Any suggestions?

<p>Thanks in advance,

<p>Ben

<pre>--&nbs;

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