
Subject: the length of line

Posted by [Xiaoying Jin](#) on Mon, 03 Jun 2002 22:42:57 GMT

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Hi, there,

I have an image having a line on it. The line has one-pixel width. The approxiamate method to calculate the length of the line is like this:
the length is calculated as the sum of distances between adjacent pixels on the line, where 1 is the vertical or horizontal distance between adjacent pixels and $\sqrt{2}$ is the distance between pixels on diagonals.

My question is:

How can I trace this line and get the length of the line?

Any suggestion will be appreciated.

Regards,

Xiaoying Jin
