Subject: Re: how many array elements with a certain value in a row
Posted by jeanh on Thu, 01 Apr 2010 15:22:44 GMT

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On 01/04/2010 8:49 AM, Jeremy Bailin wrote:
> Does anyone have a nice simple efficient solution to this problem (I
> have a simple inefficient solution and a vague sketch in my mind of a
> convoluted but probably efficient solution):
>
> I have an image in which many pixels are saturated (=65535, they're
> short unsigned). I want to treat each set of consecutive saturated
> pixels in a row as a single unit and know how many saturated pixels in
> a row there are. So I would like to have a list that contains (a) the
> rightmost pixel of each set of consecutive saturated pixels, and (b)
> how many saturated pixels there were in the set.
>
> Any suggestions?
>
> -Jeremy.

Hi,

what about using shift? ... untested and though in a baby-scream
environment, so sorry if I miss the obvious

a) select pixels with the targeted value (where)
b) do img-shift(img)
c) look at the indexes found in a) and that are positive in b) so that
you only get the ending position.

Jean