
Subject: Re: dual histogram stumper

Posted by [David Fanning](#) on Wed, 18 Dec 2002 06:14:04 GMT

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Rick Towler (rtowler@u.washington.edu) writes:

- > There isn't an up to date FAQ for the group but David's site is the next
- > best thing. It is best to bookmark David's site and check there before
- > posting since the answer can usually be found within his helpful pages.
- > There is so much goodness there even he forgets some of it (but that may be
- > due to age ;)
- >
- > http://www.dfanning.com/tips/histogram_tutorial.html

Now hold on there. This is suppose to be the season of light, but this week the doctor ordered me not to play tennis (or ski) for a month to allow a wrist injury to heal, and now I'm accused of getting old. I don't see much light in that. :-(

(Not to mention my friend, Diego, is back in town for the holidays, ready to resume our epic battle, which--when we left off last time--had him in the lead 21 sets to 20, with Diego winning the decisive set 18-16 in a third set tie-breaker on an offensive lob, for goodness sake. Oh, woe is me! I still have nightmares of that ball floating gently over my head.)

Anyway, I wasn't ignoring Surendar's question. Just waiting for JD to step in to explain it before I made a mess of it. Briefly, the REVERSE_INDICES keyword is the way to get back the pixel indices of the pixels in each bin. Sort of like the WHERE function, although much, MUCH faster. In fact, REVERSE_INDICES contains the magic in much of the HISTOGRAM command.

And Rick is right, if you really want to understand the details, the only place to do so is JD's fabulous (and famous) Histogram Tutorial.

http://www.dfanning.com/tips/histogram_tutorial.html

If you really can't find such a thing in the PV-Wave version of HISTOGRAM, then this really is going to be a Bah Humbug kind of a year. :-(

Cheers,

David

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