
Subject: Re: 3D histogram + sensible thresholding
Posted by [David Fanning](#) on Fri, 13 Aug 2004 18:11:51 GMT
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Dee writes:

- > Any opinions out there on what is the most sensible/intelligent way to
- > set a histogram threshold for grey scale data using IDL? Does IDL have
- > some kind of function that will optimize your threshold given some
- > kind of norm?

I don't know of anything built into IDL, but it would be easy to build yourself. You could easily, for example, figure out how to do a 1 standard deviation stretch, or something of the sort.

- > Also, has anyone written a script to make histograms for 3D arrays?
- > I've happily used Dave Fanning's beautiful XSTRETCH code, but it only
- > works for 2D. Have you extended it to 3D perhaps, Dave?

There is nothing in the histogram part of XSTRETCH that precludes using a 3D array. The only thing 2D about XSTRETCH is that it assumes a 2D image array to display.

What would you be displaying in a 3D array?

Cheers,

David

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David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
