
Subject: Re: Problem with histogram calculation - please need help

Posted by [David Fanning](#) on Mon, 21 Apr 2008 13:43:04 GMT

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moxament@gmail.com writes:

> I have a floating-point array d with dimensions 300x300. The minimum
> value of the array is 3.07527×10^9 and the maximum value is 1054.91
> $\times 10^9$. I can not calculate the histogram of the array. I get the
> following message:
>
> ENVI> hist = HISTOGRAM(d)
> % Array has too many elements.
> % Execution halted at: \$MAIN\$.
>
> Can anyone tell me how can I overcome this problem please.

I think I would set your bin size more appropriately. :-)

Something like this would probably work:

$\text{binsize} = (\text{Max}(\text{array}) - \text{Min}(\text{array})) / 100$

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
