
Subject: Re: change in histogram

Posted by [Liam Gumley](#) on Wed, 29 Jul 1998 07:00:00 GMT

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Vap User wrote:

> Has there been a change to histogram in IDL 5.1? The documentation
> says that the array is searched for the min/max values if min=/max=
> keyword are missing. However, consider the following...
[snipped some code examples]

Converting the HISTOGRAM array argument to FLOAT has helped me deal with some strange behavior I've seen when dealing with INTEGER arguments in IDL 5.1.

Here's what I do:

;- Get image minimum and maximum

MinValue = MIN(Image, Max = MaxValue)

;- Check image range

IF MinValue LT MaxValue THEN MESSAGE, 'Image values are all the same'

;- Define number of points used in constructing histogram

Points = 100

;- Compute histogram

HistData = HISTOGRAM(FLOAT(Image), MIN = MinValue, MAX = MaxValue, \$
 BINSIZE = FLOAT(MaxValue - MinValue) / FLOAT(Points - 1))

Cheers,
Liam.
