Subject: Re: Match Histogram Binsize with Data Type
Posted by Jeremy Bailin on Wed, 06 Mar 2013 05:32:02 GMT
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On 3/5/13 12:58 PM, David Fanning wrote:
> Fabien writes:
>
>> Regardless of the probably wrong things that have been published and
>> will be published in the future, I don't see the point of using a .5
>> binsize with integer data, and I don't think the behaviour of histogram
>> is defined in this case.
>
> Well, the 22.5 represents the 16 directions around a compass where I
> wish to draw something (360/16=22.5). The number 22 just ain't gonna get
> it done in this case. :-)
>
> Plus, I didn't *know* the data was integer type. It was a variable that
> came from somewhere else.
>
> I'm saying, you have to do a hell of a lot of checking to get things
> right. I know, because I do the checking in cgHistoplot. In fact, I've
> written code to do the job (Convert_To_Type, for example).
>
> It seems to me Histogram ought to do a little bit of checking on its own
> if it is going to be so damn obstinate about returning incorrect values,
> just because you didn't read the small print and know what the rules
> were.
>
> Histogram is great. It just isn't user friendly. And, for such an
> important routine in IDL, it ought to be.
>
> Cheers,
>
> David

This might make me unpopular, but I think it's doing exactly what it's supposed to be doing in this case. The Sky Is Falling, etc.

-Jeremy.