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Subject: Re: Draw a Histogram Plot

Posted by [MarioIncandenza](#) on Wed, 21 Nov 2007 18:30:15 GMT

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David,

This is a valuable thing. Like many people I'm sure, I had a kluge I had been using for this, but I look forward to shifting to something more robust.

The rotating fill values and line-fill options are great!

I haven't actually put it through its paces, but looking through the code I see this:

```
    ; Calculate the histogram.  
    histdata = Histogram(dataToHistogram, Binsize=binsize,  
Max=Max(dataToHistogram),  
                        Min=Min(dataToHistogram), _EXTRA=extra)
```

For generating a good histogram, you need to be able to specify the MIN (and sometimes the MAX) values to HISTOGRAM(). Right now, if you feed a MIN value into HISTOPlot, it will choke because there is already a MIN\_VALUE keyword.

My "feature request" would be a means to have both PLOT min/max and HIST min/max.

The application is, for example, a floating-point dataset where I need an indication of how many zero values. So, for example, if my data have three significant digits after the decimal, and a range of 0-100, then I want:

```
h=histogram(data,min=-9.999,bin=10)  
hist_plot,h,x_range=[0,100],/xstyle
```

--Edward H.

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