
Subject: Re: Speed-up of code

Posted by [philipelson](#) on Tue, 25 Aug 2009 16:12:48 GMT

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```
> h = HISTOGRAM(day, REVERSE_INDICES=ri)
> nh = N_ELEMENTS(h)
> sortData = value[ri[nh+1:]]
> totSortData = [0., TOTAL(sortData, /CUMULATIVE)]
> vec8 = totSortData[ri[1:nh]-nh-1] - $
>      totSortData[ri[0:nh-1]-nh-1]
> print,vec8/h ;May need to check for zero values first
```

Aha! Thank you all very much!

If I was to extend this further, any suggestions on the obtaining the maximum rather than the average of each bin?

This would indeed provide some nice examples of gathering basic statistics using the histogram function!

Many Thanks,

Philip
