
Subject: Histogram (was: Mad MAX)

Posted by [Struan Gray](#) on Wed, 30 Jun 1999 07:00:00 GMT

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Martin Schultz, mgs@io.harvard.edu writes:

- > it seems to me that you have posted at least 10
- > different useful things one can do with HISTOGRAM
- > over the last year.

Can't let David have all the glory :-)

- > you should really write a HISTOGRAM tutorial!

It's (sort of) on my list of things to do - we do some cool spectral analysis with 2D histograms - but don't hold your breath.

HISTOGRAM is a hidden gem that works really, really fast, especially if you already know enough about your data to customise the binning for speed. Once you've wrapped your brain round the problem of how the REVERSE_INDICES array is constructed some very powerful things become possible. HISTOGRAM's documentation does actually talk about how much faster than WHERE it can be for some sorts of searching, but the docs for WHERE are silent on the issue.

Struan
