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Subject: Re: Find minimums in an array...

Posted by [David Fanning](#) on Wed, 16 Oct 2002 18:50:37 GMT

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Filipe (engpcris@livjm.ac.uk) writes:

- > I'm looking for a function or an algorithm who could find the X
- > minimum values in an array without having to use Sort (for a time
- > reason) or Min (updating the array everytime)
- >
- > For Example in an Array of 1000 elements I want to find the 10 smallest
- > values.
- >
- > Do you know any quick how to perform it? (as I need to do this
- > operation many times in a loop)

Oh, my gosh! I believe HISTOGRAM can be used to solve this problem!!!

[http://www.dfanning.com/tips/histogram\\_tutorial.html](http://www.dfanning.com/tips/histogram_tutorial.html)

Cheers,

David

P.S. Let's just say that \*this\* is what enlightenment feels like! :-)

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