
Subject: Re: Mode function for floating point arrays
Posted by [Matthew Argall](#) on Tue, 09 Jul 2013 13:36:46 GMT
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It seems like VALUE_LOCATE and HISTOGRAM solutions would have large limitations. The bin size for HISTOGRAM would have to be "2*epsilon", which would rule out data with a large dynamic range. Also, the bin should be centered on the data point so that two points falling within "epsilon" of one another do not get separated because the bins are offset.

For the sparse array idea, I would need to know beforehand what the is going to look like in order to create an acceptable map.

> Maybe you can update the uniq function to accept a value for epsilon to decide whether two floating values are equal or not.

This seems promising. I will check out the source code!
