On Feb 10, 7:47 pm, Matt Francis <mattjamesfran...@gmail.com> wrote:
> On Feb 11, 11:44 am, Matt Francis <mattjamesfran...@gmail.com> wrote:
>
>>> I would shocked if it wasn't several orders of magnitude faster
>>> (for this many iterations) to Histogram your times array with some
>>> appropriate bin size and then ask "which bin" your time_now
>>> was in with Value_Locate.
>
>> Thanks David, VALUE_LOCATE is exactly the function I'm looking for.
>
> Thanks also to Paulo, who ninja'd my previous post.

As a general comment, from a basic algorithmic point of view,
finding one element in a sorted array is a log(N) kind of problem.

An example of an algorithm that does this is bisection:
go to the middle of the array - check if the wanted item
is left or right, then go to the middle of that side, check
in which quarter the element is, rinse and repeat.

Ciao,
Paolo