## Subject: Re: Efficient comparison of arrays Posted by J.D. Smith on Thu, 14 Aug 1997 07:00:00 GMT

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> <snip>

>

- > All very true. With any method there are going to be some tradeoffs.
- > But I am skeptical of a method that relies on the sorting of the
- > arrays in question. In my timing above for CONTAIN(), of the 10.10
- > seconds, 9.40 are spent sorting the array! On some hardware and with
- > some data this may not be a problem; on my hardware and with my
- > data it most definitely is.

>

So, truly, it does depend critically on your data. I found, on my machine, an equality at approximately m=25 for n=65536. Log(n)=16 in this case, so it's not too far off. For larger, n, the test gets more accurate (until memory becomes an issue).

JD