
Subject: Re: Finding the index of the median

Posted by [Joseph M Zawodny](#) on Tue, 29 Oct 1996 08:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

Dean Schulze wrote:

>

> David Fanning wrote:

>

>> Be aware that there can be multiple locations in your
>> array that are equal to the median value. The index that
>> is returned by the WHERE function will be an array of
>> all of those values.

>

> That is exactly why the WHERE() function won't work.

> I need to know which one of those locations is returned

> by the MEDIAN() function.

>

> Dean Schulze

>

Let's try this again: There may be more than one value which equals the median value. Therefore the question you ask here makes no sense at all without some additional information by which to prioritize or otherwise sort those values which are equal to the median. Having said that, you should use the where function to find pointers to the median values and then perform some other task or assessment on those values.

Maybe we would all understand your question better if you tell us which element in the following arrays is your "median element"

[1,2,2,3]

[1,2,2,2,3]

One of the above arrays must have at least two "median elements" by your definition. How will you choose?

Or am I just dense?

Z

--

Work: Dr. Joseph M. Zawodny Play: Joe Zawodny

NASA Langley Research Center KO4LW@amsat.org

E-mail: J.M.Zawodny@LaRC.NASA.gov zawodny@exis.net

(757) 864-2681 (757) 864-2671 FAX
