
Subject: Re: MEDIAN and double?

Posted by [thompson](#) on Fri, 17 May 2002 22:18:32 GMT

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That's very strange. It appears that MEDIAN always returns a floating point value, even if the input array is integer. I suspect this is because of the /EVEN keyword, where it interpolates between two values if the number of points is even. It should be smarter than that.

William Thompson

"Pavel A. Romashkin" <pavel_romashkin@hotmail.com> writes:

> I always thought that MEDIAN in Double is just

> print, (the_data[sort(the_data)])[n_elements(the_data)/2]

> but I may be wrong.

> Cheers,

> Pavel

> Craig Markwardt wrote:

>>

>> Is it true that MEDIAN only works in single precision? I've tried to

>> use a /DOUBLE keyword and it doesn't have one. This is kind of a

>> stumper since I certainly do use MEDIAN on double precision

>> data... :-)

>>

>> Craig

>>

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>> Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu

>> Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

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