Subject: Re: comparing numbers using WHERE doesn't work
Posted by John-David T. Smith on Mon, 04 Jun 2001 21:24:29 GMT

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"Miklos Z. Kiss" wrote:
>
> Hi folks:
>   I have noticed a strange occurence when I try to compare a number with
> all the elements of an array. I'll show my situation in an example.
> Consider the following array:
> a = [2.0000, 2.1000, 2.2000, 2.3000, 2.4000, 2.5000, 2.6000].
> Let, x = 2.2000, y = 2.4000
>   So, I want to find which elements of a match up with x and y.
> Naturally, I do the following:
>
> index0 = WHERE(a EQ x)
> index0 = index[0] ; convert from 1-D array to single integer.
> index1 = WHERE(a EQ y)
> index1 = index[0]

What is the vector "index" you reference? I think you must have meant

index0=index0[0]

JD