
Subject: Re: comparing numbers using WHERE doesn't work

Posted by [R.Bauer](#) on Wed, 06 Jun 2001 11:47:35 GMT

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"Miklos Z. Kiss" wrote:

```
>
> Hi folks:
> I have noticed a strange occurrence 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.
index0 is now redefined by index[0].

> index1 = WHERE(a EQ y)
> index1 = index[0]
index1 is now redefined by index[0].
```

But where is index redefined normally index0 and index1 should have the same value.

I believe you missed something in your example.

```
>
> So, when I execute, I may get the following:
> PRINT, index0
> 2
>
> PRINT, index1
> -1
>
```

Reimar

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<http://www.fz-juelich.de/icg/icg1/>

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a IDL library at Forschungszentrum Jülich

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

<http://www.fz-juelich.de/zb/text/publikation/juel3786.html>
