
Subject: Re: Where

Posted by [Carsten Lechte](#) on Tue, 28 Oct 2008 10:12:52 GMT

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silviadncl@gmail.com wrote:

> Why IDL returns -1 when i do:

> where(array eq 0.785)?

Does your array have a 0.785 in it?

If you think it has, maybe http://www.dfanning.com/math_tips/sky_is_falling.html will be of help.

chl

Subject: Re: Where

Posted by [David Fanning](#) on Tue, 28 Oct 2008 12:35:38 GMT

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Carsten Lechte writes:

> Does your array have a 0.785 in it?

>

> If you think it has, maybe http://www.dfanning.com/math_tips/sky_is_falling.html

> will be of help.

I was poking around that web page the other day and discovered a program named FLOATS_EQUAL that Coyote must have written, because I sure don't remember doing it. But it was exactly what I needed for the task at hand. You might have a look:

http://www.dfanning.com/programs/floats_equal.pro

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Where

Posted by [Brian Larsen](#) on Tue, 28 Oct 2008 17:28:29 GMT

On Oct 28, 5:48 am, silviad...@gmail.com wrote:

- > Hallo!
- > Why IDL returns -1 when i do:
- > where(array eq 0.785)?
- > Array elements are not zero!
- > Thank you!

This is the as advertised behavior, -1 is the index that matches your query (meaning none match)

Try this for some insight

```
a=findgen(10)
ind=where(a eq 2.4, n_ind)
print, a, ind
```

and you get -1, 0. Meaning no elements in a are equal to 2.4 since they are 0,1,2,3,4,5,6,7,8,9.

Make sense?

Cheers,

Brian

Brian Larsen
Boston University
Center for Space Physics
<http://people.bu.edu/balarsen/Home/IDL>

Subject: Where the heck is the IDL Virtual Machine?
Posted by [David Fanning](#) on Tue, 28 Oct 2008 19:29:36 GMT
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Folks,

Does anyone here know how to access and download the IDL Virtual Machine? I gave some software to some colleagues to run on the Virtual Machine and neither they nor I can find the darn thing. A search of "IDL Virtual Machine" on the ITTVIS home page turns up nothing useful. And when I finally got to the IDL Download page, where I was told this was located, I turned up nothing there, either.

Has anyone ever downloaded the thing!?

Cheers,

David

--

David Fanning, Ph.D.

Coyote's Guide to IDL Programming (www.dfanning.com)

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
