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

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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.")