
Subject: Re: Comparing 2 arrays
Posted by [airy.jiang](#) on Sun, 26 Aug 2007 09:39:53 GMT
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On 8 26 , 1 25 , te...@atmsci.msrc.sunysb.edu wrote:

> On Aug 26, 12:47 am, David Fanning <n...@dfanning.com> wrote:

>

>

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>> David Fanning writes:

>>> If your arrays are the same size, there is no problem using structures.

>>> You could subtract the two values and call the result "equal" if

>>> the difference was "sufficiently" close to zero.

>

>>> IF Total((data1.A - data2.B) LT 1e-6) EQ N_Elements(data1.A) THEN \$

>>> Print, 'The arrays are equal' ELSE Print, 'The arrays are unequal'

>

>> Well, you probably need to check whether the absolute

>> value of the difference (ABS) is sufficiently close to

>> zero. But other than that, I think this should work.

>

>> 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.")

>

> Thanks David for showing me the clever way of doing this!

>

> Howard- -

>

> - -

I suggest use the IDL function `Array_Equal`, that's a direct way.
