
Subject: Re: Array comparison

Posted by [mchinand](#) on Wed, 02 Oct 2002 20:44:52 GMT

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In article <Pine.GHP.4.32.0210021447020.18221-100000@icesat2.gsfc.nasa.gov>,

Jeff Guerber <jeff.guerber@gsfc.nasa.gov> wrote:

> On Wed, 2 Oct 2002, Mike Chinander wrote:

>

>> How about:

>>

>> if n_elements(uniq((([a,b])(sort([a,b]))))) ne n_elements([a,b]) then print,

>> 'arrays have matching values'

>

> Uhh, doesn't that claim a match if one of the arrays contains two (or

> more) identical elements, even if the arrays have no elements in common?

>

> IDL> a=[1,2,3,4,5]

> IDL> b=[6,6,7]

> IDL> if n_elements(uniq((([a,b])(sort([a,b]))))) ne n_elements([a,b]) then

> print,'match'

> match

> IDL>

>

> Jeff Guerber

>

Yeah, I realized this after reading the code from David Fanning's site that he linked to in this thread. Applying UNIQ to the two arrays prior to concatenating them should get around this.

--Mike

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