
Subject: Re: Array comparison

Posted by [R.Bauer](#) on Wed, 02 Oct 2002 08:11:33 GMT

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Sean Raffuse wrote:

```
> Hello,
>
> I would like to compare two arrays of different size. What I want to know
> is if the two arrays share ANY of the same values, regardless of index.
>
> e.g.
>
> Array1 = [1,2,3,4,5]
> Array2 = [5,6,7]
>
> Comparing these two arrays should return true because they both have the
> value 5.
>
> I know I could do this in a loop, but I need the speed and I'm sure IDL can
> do this in one line. I'm just not sure how.
>
> Thanks,
>
> Sean Raffuse
>
>
```

I am using which_indices

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/download/which_indices.tar.gz

or as idl5.5 binary

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/download/which_indices.sav

```
ix=which_indices(Array1,Array2)
print,array1[ix]
5
```

regards

Reimar

--

Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-I)

Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de

a IDL library at ForschungsZentrum Juelich
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html
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