
Subject: Re: Concatenate arrays

Posted by [David Fanning](#) on Fri, 29 Oct 2004 06:42:10 GMT

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Lee writes:

```
> Can someone please explain why I can't break up the third index array.
> I only want to grab certain frames and recombine to get new image. I
> would have expected to be new_array=(10,10,5)
>
>
>
> data=findgen(10,10,10)
>
> array1=data(*,*,0:1)
> array2=data(*,*,3:5)
>
> new_array=array1+array2
> help,new_ARRAY    FLOAT    = Array[10, 10, 2]
```

It looks like it has been awhile since you have read
the Array Concatenation Tutorial:

http://www.dfanning.com/tips/array_concatenation.html

```
IDL> new = [ [ array1 ], [ array2 ] ]
IDL> help, new
NEW          FLOAT    = Array[10, 10, 5]
```

Cheers,

David

--

David W. Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Phone: 970-221-0438, IDL Book Orders: 1-888-461-0155

Subject: Re: Concatenate arrays

Posted by [R.Bauer](#) on Fri, 29 Oct 2004 11:42:10 GMT

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David Fanning wrote:

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>
> David

```

We have a routine in our library which could add data on every dimension you want.

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/concatenate_arrays_dbase.pro.html

cheers

Reimar

Subject: Re: Concatenate arrays
 Posted by [David Fanning](#) on Fri, 29 Oct 2004 12:17:57 GMT
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Reimar Bauer writes:

```

> We have a routine in our library which could add data on every dimension
> you want.
>
>   http://www.fz-juelich.de/icg/icg-i/idl\_icglib/idl\_source/idl

```

_html/dbase/concatenate_arrays_dbase.pro.html

Well, it sounds like *someone* has been reading the Tutorial then! :-)

Cheers,

David

--

David W. Fanning, Ph.D.

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