
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_arry=(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:

```
> Lee writes:
```

```
>
```

```
>
```

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>> Can someone please explain why I can't break up the third index array.
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>> I only want to grab certain frames and recombine to get new image. I
>> would have expected to be new_arr=(10,10,5)
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>>
>>
>> data=findgen(10,10,10)
>>
>> array1=data(*,*,: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
```

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

_html/dbase/concatenate_arrays_dbase.pro.html

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

Cheers,

David

--

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