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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:
>
>
>> 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_arr=(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
```

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

cheers

Reimar

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