
Subject: Re: Simple question in IDL, looking for solution, thank you
Posted by [Jeremy Bailin](#) on Mon, 22 Oct 2012 18:10:18 GMT

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On 10/22/12 7:55 AM, Heinz Stege wrote:

```
> Hi Danxia,  
>  
> you didn't ask for a solution without a loop. So here is my simple  
> answer:  
>  
> arr=[5,2,3,1,8,3,1,2,3]  
> bcg=[1,2,3,2,1,4,2,3,5]  
> sum=intarr(max(arr)+1)  
> for i=0,n_elements(bcg)-1 do sum[arr[i]]+=bcg[i]  
> print,sum[1:*]  
>  
> Cheers, Heinz  
>
```

And of course, if you need a very efficient implementation of this (i.e. if your arrays have millions of elements), then read the "chunk indexing" section of JD's HISTOGRAM tutorial http://www.idlcoyote.com/tips/histogram_tutorial.html (you HAVE read JD's HISTOGRAM tutorial, right???)

-Jeremy.
