Subject: Re: Simple question in IDL, looking for solution, thank you Posted by Danxia on Mon, 22 Oct 2012 21:37:18 GMT

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Hey Jeremy,

I haven't read this before, but this is deadly helpful. Thanks a lot.

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Danxia
On Monday, October 22, 2012 2:10:16 PM UTC-4, Jeremy Bailin wrote:
> 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???)

    JD's HISTOGRAM tutorial, right???)
    Jeremy.
```