
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.

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???)
>
>
>
> -Jeremy.
