
Subject: Re: increment an array subset based on another subset

Posted by [Jeremy Bailin](#) on Wed, 12 Dec 2012 01:51:38 GMT

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On 12/11/12 6:39 PM, havok2063@gmail.com wrote:

>
> I have a sorted list of ids and subsets they belong to:
>
> ids = [11, 21, 45, 50, 56, 416, 430]
>
> sub = [A, A, B, A, B, B, A]
>
> I want to increment the ids of A based on the number of elements in subset B that lie in front of
it. So for example, the 4th element will get incremented by 1 (50+1) since 1 element of B is in
front. The last element will get incremented by 3 (430+3) since 3 elements of B lie in front of it.
The first 2 elements of A don't get incremented.
>
> I feel like the answer lies somewhere with where, total, or histogram, but the solution escapes
me. Anyone have ideas?
>
> Thanks.
>

```
increment = total(sub eq B, /cumulative, /int) * (sub eq A)  
ids += increment
```

-Jeremy.

Subject: Re: increment an array subset based on another subset

Posted by [David Fanning](#) on Wed, 12 Dec 2012 04:19:31 GMT

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Jeremy Bailin writes:

> increment = total(sub eq B, /cumulative, /int) * (sub eq A)
> ids += increment

Well, duh, I should have thought of that! ;-)

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.

Subject: Re: increment an array subset based on another subset

Posted by [havok2063](#) on Wed, 12 Dec 2012 15:36:32 GMT

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On Tuesday, December 11, 2012 7:39:17 PM UTC-5, havo...@gmail.com wrote:

> I have a sorted list of ids and subsets they belong to:

>

>

>

> ids = [11, 21, 45, 50, 56, 416, 430]

>

>

>

> sub = [A, A, B, A, B, B, A]

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>

>

>

> I feel like the answer lies somewhere with where, total, or histogram, but the solution escapes me. Anyone have ideas?

>

>

>

> Thanks.

Excellent. Thanks a lot.
