
Subject: Re: Expanding array with counts from another array
Posted by [David Fanning](#) on Thu, 23 Nov 2006 15:23:23 GMT
[View Forum Message](#) <> [Reply to Message](#)

Gunter Lichtenberg writes:

> I have a the following problem:
> I have two vectors, V with occurring values and C with the number of times
> the values occur (both in the correct order and V sorted). I know want to
> create an expanded array that contains for each element of V C copies
> (loopless if possible). Let's say
>
> V = [3,10,666]
> C = [1,2,3]
> =>
> R = [3,10,10,666,666,666]
>
> (For those who are interested: I use V and C to store a much larger array in
> a compact way, but have to expand it again to assign the correct counts to
> individual detector pixels - if that makes any sense to you. And I have of
> course not three but tens of thousands of values)
>
> I am pretty sure that a solution was probably posted ages ago already, but
> could not find it yet. Pointers to a solution are appreciated.

http://www.dfanning.com/idl_way/chunkindex.html

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Expanding array with counts from another array
Posted by [G. Lichtenberg](#) on Thu, 23 Nov 2006 19:18:29 GMT
[View Forum Message](#) <> [Reply to Message](#)

David Fanning wrote:

>> I am pretty sure that a solution was probably posted ages ago already,
>> but could not find it yet. Pointers to a solution are appreciated.
>
> http://www.dfanning.com/idl_way/chunkindex.html
>

> Cheers,
>
> David

Sigh -

I knew it could be found somewhere. If I only had known that I wanted to 'chunk index' the data - well that's the risk of not being a native speaker. Anyway, thanks a lot for this tip and the many others I 'stole' from the various archives.

Slightly embarrassed
gl

--

G. Lichtenberg
