## Subject: Re: Expanding array with counts from another array Posted by David Fanning on Thu, 23 Nov 2006 15:23:23 GMT

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## Guenter 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

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Coyote's Guide to IDL Programming: http://www.dfanning.com/

Sepore ma de ni thui. ("Perhaps thou speakest truth.")