Subject: Re: Filling an array
Posted by davidf on Thu, 18 Jan 2001 01:18:58 GMT
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Pavel A. Romashkin (pavel.romashkin@noaa.gov) writes:

> If I have
>
> a = findgen(10)
> b = fix(100* randomu(10, 10))
> ; N_elements(a) is equal to n_elements(b)
> c = findgen(total(b))
>
> how can I fill C with values from A using B as a running index, so that
>
> c[0 : b[0]-1] = a[0]
> c[b[0] : b[0]+b[1]-1] = a[1]
>
> etc, without looping through "n_elements(b)-1" iterations?
> I have a fast solution with a loop and indexing using total(/cumulative)
> and a very slow one with loop and replicate, but I can't come up with a
> loop-free one.

Totally impossible. :-(

Cheers,

P.S. Let's just say that usually gets the juices going
on the usual suspects, and I figured you could use the
help. :-)

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