
Subject: Re: Modifying an array while conserving memory
Posted by [Xiangyun Qiu](#) on Fri, 24 May 2002 17:06:46 GMT
[View Forum Message](#) <> [Reply to Message](#)

I was hoping this would only use memory size of about $\text{size}(a) + 2 \times \text{size}(b)$ during operation; when it's done, only $\text{size}(a) + \text{size}(b)$. If the concatenation causes the problem, I currently have no solution to this.
Thanks,

Xiangyun

"Pavel A. Romashkin" wrote:

>

> I don't think this takes care of it. Temporary does not work like this.

> It is useful for modifying memory contents in place, but not for

> concatenating memory allocations together.

> Pavel

>

> Xiangyun Qiu wrote:

>>

>> Randall Skelton wrote:

>> Hi there,

>>

>> Provided TEMPORARY() function works as we expect, I think the following

>> steps can

>> use less memory:

>>

>> a = findgen(1000)

>> b = randomu(seed,100)

>> a = shift(TEMPORARY(a), 500)

>> c = [TEMPORARY(b),TEMPORARY(a)]

>> c = Shift(TEMPORARY(c), 500) ; here happens to be 500 too, because

>> $500 = 1000 - 500$

>>

>> This solely rely on TEMPORARY function, live or die with it.

--

Xiangyun
