
Subject: Re: Cyclic array interfaces

Posted by [cedric](#) on Wed, 14 Jul 2004 01:48:04 GMT

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Mark Hadfield <m.hadfield@niwa.co.nz> wrote in message
news:<cd1no6\$q54\$1@newsreader.mailgate.org>...

> Analysis be dammed, I counted them! And got a result that disagrees with
> your analysis:

:) I should have remembered that programmers are always wrong when
they don't use a profiler!

I'm still surprised by your result, though. Perhaps IDL knows that
findgen(n) is a temporary in the first case (thus assigning its
address directly to a) and not in the second case. I don't have access
to IDL now, but I would try

```
n = 10000000 & a = fltarr(n) & b = findgen(n) & t0 = systime(1) & a =  
b & t1 = systime(1) & a[0] = b & t2 = systime(1) & print, t1-t0, t2-t1
```

I'll see if I can do it tomorrow (or if anybody feels like doing it
now...)

Thanks for the heads up!

Cedric
