Subject: Re: Cyclic array interfaces
Posted by Mark Hadfield on Tue, 13 Jul 2004 22:29:23 GMT
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Cedric wrote:
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> Furthermore, consider the next example:
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>

- > a = fltarr(5)
- > ; Option 1: Create a new array
- > a = [3, 4, 5, 6, 7]
- > ; Option 2: Rewrite the array
- > a[0] = [3, 4, 5, 6, 7]

>

- > Option 1 and 2 are equivalent, code-wise, but I would argue (and of
- > course, profile, were I not lazy) that option 2 is faster, because it
- > doesn't have to deallocate the array that was already contained in a,
- > and allocate a new one. Of course, there are many other optimizations
- > that IDL could do that would make 1 faster than 2, but considering
- > RSI's approach to compile-time optimizations, I'm confident in my
- > analysis.

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

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