Subject: Re: subscript array question
Posted by Thomas A. McGlynn on Tue, 16 Feb 1999 08:00:00 GMT
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This kind of thing comes up in a number of contexts, e.g., the thread a couple of months ago for calculating cumulative totals in arrays. The solution I've suggested to RSI is a new equality operator (e.g., :=) which does not implicitly parallelize array operations.

In this case one could just write

```
array[subs] := array[subs]+1
```

in a very natural way rather than use devious if clever subterfuges.

This simple syntax can solve a variety of problems rather cleanly. E.g., the cumulative total looks something like:

```
cum[1:n-1] := cum[0:n-2] + cum[1:n-1]
```

Although the loops would not be parallelized, they could still be compiled into very efficient code (since temporaries would be less necessary perhaps faster in some cases than the parallel versions).

Haven't heard anything back alas...

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