
Subject: reversing calculation order

Posted by [rclark](#) on Mon, 24 Apr 1995 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

I need to fill in some values for a vector from a recurrence relation.

$V(0:N-1) = \text{func}(V(1:*))$;I wish there was a shorthand for $(*-1)$

Where $V(N)$ is the only value initially defined (Well actually it is calculated from an ascending recurrence relation but the values of $V(0:N-1)$ from that step are of no further interest. The results of the second recurrence are the ones returned.)

I know that ROTATE can be used to reverse the order of the vector for the calculation, and then reverse them again to put it back in the right order. But is it possible to eliminate these two reverse operations and do the calculation in backwards direction? (no FOR loops, too slow!)

The vector is fairly short but this function will get called a lot.

Richard Clark
rclark@lpl.arizona.edu

--

Still working on the other 999 lines.
