## Subject: how to calculate a running total of a vector Posted by VUKOVIC on Fri, 02 Dec 1994 17:51:46 GMT

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Suppose I have a vector v.

I want to generate a vector vv whose i-th element is a sum of the first i elements of v. How to do it fast -- without loops?

I thought of multiplying a matrix with 1's on and bellow its diagonal by v. That would do it, but seems like a bit of overkill.