

Re: Matrix Multiplication

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On 2008-01-05 15:37:29 -0400, Evgenii Rudnyi <usenet@xxxxxxxx> said:

Dear Gordon,

It is your article to write. You have picked a hard topic and asked for comments. You got them.

I do appreciate your comments and your time. Thank you. Unfortunately, I still did not completely get your points. Hence if you allow I will ask some more questions.

They pointed out consequences of your choice to switch to C++ in 1993 and to extol its virtues. Your choice of systems to compare is certainly idiosyncratic. Python, C++ vrs C and F77 seems to be more a setup for language wars than about Matrix Programming. Insisting that comments come with "your code" is following the best newsgroup language war traditions.

Here I would disagree. The use of several programming languages in one project is a common practice nowadays, at least what I see. For example, I am using LAPACK that is written in Fortran 77 and MUMPS that is written in Fortran 90. ATLAS, TAUCS and UMPFACK are written in C. My code is in C++ and now I am going to use Python as a scripting language.

Anyway, do I have a freedom to use a programming language of my choice or not?

Your choice is for you. When you start to write expositions then you need to have well based reasons for your recommendations. "I only know F77" would not seem to make it as a reason for ignoring F90 i