
Subject: Re: What does an optimal scientific programming language/environment need?

Posted by [bv](#) on Thu, 02 Oct 2003 01:01:07 GMT

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grunes wrote:

>

> I'm working on creating an optimal scientific programming language and
> environment. My hope is that people who use current environments have
> specific things they love about it, that need to be included. For now
> I'm trying to combine the best concepts from FORTRAN, BASIC, C, APL,
> IDL, PV-WAVE, and possibly MATLAB.

Before you embark on what is bound to be a long and winding road you might want to consider a recent quote by "DB" from sci.math.num-analysis which would invariably apply to whatever you might come up with.

"To get any chance of succeeding new programming languages should from the beginning provide a huge advantage compensating the loss of decades of expertises contained in the already available libraries, in the trained people, as well as in the compiler technology. Now to make the situation worse, the many functional languages compete with each others."

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