Subject: alternative to execute Posted by greg michael on Tue, 31 Jan 2006 18:43:04 GMT View Forum Message <> Reply to Message

I'm trying to think up a good way to implement a user-defined function which would run in the IDL VM. The function might involve any of about 300 similar 2-d arrays, each of which is quite expensive to generate. So I thought to obtain the function as a string, scan it to see which arrays are needed, generate them, and then apply the function with 'execute'. But 'execute' is excluded from the VM.

A typical function might look like:

result = b123 / b100 - .9 * b050 / b035

Without execute, I can only think to attempt to write some kind of arithmetic interpreter. Would anyone have a suggestion for a way to get IDL to do this more directly?