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Subject: Re: alternative to execute

Posted by [greg michael](#) on Wed, 01 Feb 2006 11:01:37 GMT

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Thanks very much, Robbie, for your detailed reply. Unfortunately, it's not 300 functions that I have, but 300 parameters. I couldn't enumerate the set of possible functions. So I don't think I could apply your method (if I've understood it correctly).

I got a suggestion by email (thanks, Matt) to use `call_function`.

What I don't have a solution for, is how to handle operator precedence and simple arithmetic operators -

e.g. `result = (b001 + b002) / b003 + sqrt(b004) + b005^2` (unrealistic, but demonstrative example)

'execute' would have managed all that for me. If I do it using `call_function`, it looks to me like I'll have to write code to pull out the brackets, apply each type of operator and function in the right order. `call_function` would handle only the 'sqrt' (when I got that far) - or am I wrong?

Maybe it's not such a difficult task to write this code, but a pity since IDL already knows how to do it!

greg

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