Subject: Re: Execute and Call_function of complex things
Posted by dirk on Thu, 01 Feb 2001 22:44:26 GMT
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... Sorry that didn't post.

Ok, once again. This goes in the "why doesn't it work like i think it should" category.

Suppose I have an expression which, for the sake of argument, looks something like:

exp((-1.)*(0.0 + Gauss1(x,p(0:2)) + Gauss1(x,p(3:5))))

where gauss1 is another function (of x) and p is a set of input parameters.

I want to evaluate this function, but can't seem to do it with either call_function or execute. I've tried:

model='exp((-1.)*(0.0 + Gauss1(x,p(0:2)) + Gauss1(x,p(3:5))))'
result=call_function(model,p)

and
expstring='model=exp((-1.)*(0.0 + Gauss1(x,p(0:2)) + Gauss1(x,p(3:5))))'
result=call_function(expstring,p)

to no effect... What am i missing about call_function or execute? Do all the elements of the evaluated function need to be IDL native? Does the conversion of a string to a function make anyone else uneasy?

Thanks for any help! - Dirk