Subject: Re: problems with call_function/procedure...
Posted by Robert Moss on Wed, 04 Dec 1996 08:00:00 GMT
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Hendrik Roepcke wrote:
>
> Hello,
>
> CALL_FUNCTION, CALL_PROCEDURE are nice functions, but
> due to the fact that the parameter-handling is strange,
> normally one has to use the overkill execute:
>
> b="/FLOAT"
> a=call_function('findgen',10,10,b,value=20)
>
> all this will show the problems with it...
>
> can anyone make it working WITHOUT execute?
>
> Hendrik
>
> --
> Panther in the Jungle   __..--"``\--....___   _..,_
> -BELIEVE AND DECEIVE-   _.-'   .-/"; `   ``<._  ``-+'~=.
> http://www.ang-physik _.-' _..--.'_   \   `(^))
> .uni-kiel.de/~hendrik ((..-'   (< _   ;_..__   ; `'

This example doesn't show anything except the improper use of the
FINDGEN routine. FINDGEN has no keyword parameters, so when you try to
call it here with the /FLOAT and VALUE keywords, it fails. This has
nothing to do with CALL_FUNCTION.

However, if the point you are trying to get at is that you cannot pass
it a string like "/FLOAT" as per above, there is another way to do it:

b = 1
a = CALL_FUNCTION("fltarr", 10, 10, NOZERO = b)

This will work just fine. Simply make use of the fact that
/KEYWORD is equivalent to KEYWORD = 1. Note that you can occassionaly
get into trouble, depending on how the code was written, if you are
trying to do KEYWORD = 0. (specifically, this may or may not be
equivalent to omitting the keyword).

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