
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 occasionally 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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