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Subject: Re: Parameter Passing - Error in doc ?  
Posted by [peter](#) on Wed, 15 May 1996 07:00:00 GMT  
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Marc Herbert (herbert@supaero.fr) wrote:  
: I use PV-Wave 5.0 (and 6.0 now), and I have  
: to handle with some big images.  
: I use almost the entire memory on my system (HP-UX).

: So, I was interested in the question of  
: parameter passing. I've read the documentation  
: (Book PG, Chapter 9, para "Procedure or Function  
: Calling Mechanism") and noticed with  
: big surprise that procedures  
: work on a copy of variables,  
: EVEN in the case of reference passing !  
: This copy being obviously useless,  
: if one excepts the case of error  
: occurring, and procedure aborting.

: BUT ! I made some testing,

: (try : proc,array1  
: to compare with proc,array1(\*,\*,\*,...)

: and with the help of the function 'info,/memory'  
: it appears that this copy doesn't actually  
: occur !???

: So the question is : Is there a mistake in  
: the documentation ?

Yes, the documentation is wrong (or at least confusing). Array variables  
are passed by reference. This has been noted multiple times on this  
group, but the documentation hasn't changed.

Peter

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