
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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