
Subject: Re: Zeiger in IDL -> call by reference in IDL

Posted by [kak](#) on Mon, 08 May 1995 07:00:00 GMT

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css@ipp-garching.mpg.de writes:

> Weiss jemand, ob in IDL eine Pointeruebergabe moeglich ist,
> (aehnlich wie in C) ? Ansonsten sind ja staendig riesige
> Commonbloেকে vonnoeten.

After reading this guys question (if it was possible to pass variables by reference in IDL) I read the fine manual on that subject which leads me to another question:

They state that if you pass a variable to a procedure, it is saved in a temporary location. When returning from the procedure, the new parameter values are copied back into the corresponding variables.

Does this really mean that IDL allocates new memory for each parameter variable even when calling by refernce i.e. passing a pointer?

If this is true, does it help to use only COMMON blocks for large arrays in order to conserve memory? I guess in that case you really have only one instance of your variable in memory all the time.

Karl Krieger

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