Subject: IDL memory allocation
Posted by mallozzi on Sat, 15 Jul 1995 07:00:00 GMT
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Hi all,
I have two questions about how IDL handles memory:

1. Does IDL4.0 remove the restriction of le 64 arguments for procedures?
   I was trying to convert some FORTRAN code to IDL, and some of the
   subroutines have more than 64 arguments. It is really inconvenient
   to have to pack all or some of the arguments into a structure (for
   example) to cut back the number of arguments (and from recent posts,
   I see that sructures can't have more than 125 or so tags?).

2. I have a pretty complicated widget code, and yesterday when I tried to
   add another widget, I got an access violation on my system (DEC Alpha),
   which kicked me out of IDL back to the system prompt. I figured out
   the exact line in the code where it crashed: it was in the procedure
   that builds the new widget. The line was just something like
   x = LONARR(20)
   Is it possible that the heap memory corrupted the stack, or what is
   going on. The error message is useless (it's a system error, not IDL).
   HELP, /MEM showed that I was using about 3MB.

Thanks. Bob