Subject: Re: Everything I always wanted to know about IDL * but were afraid to ask. Chapter1

Posted by David Fanning on Fri, 14 Nov 2003 12:44:54 GMT

View Forum Message <> Reply to Message

df23775@hotmail.com writes:

- > *A=[*A, next_value]
- > As many times as the values I want to add to the pointer.

_

- > I can print the whole pointer with PRINT, *A. But how can I get intermediate
- > positions??.

You subscript like any normal IDL variable. The only trick is knowing that pointer dereferencing has (generally) lower precedence than almost everything else. So we throw a lot of parentheses around when we are working with pointers.

- > As far as I can recall from my C classes I do believe that in C, A means the
- > memory position pointed by A, in what we could call the first pointer
- > positions and you could use a counter to get further position with a syntax
- > like *(A+counter) In IDL *A means not only the memory position pointed by A
- > but also the full contents of the pointer?

Forget what you learned about C pointers. IDL pointers are NOT C pointers. Think of them as regular IDL variables that live in global memory space and you will be MUCH further ahead. :-)

Cheers,

David

--

David W. Fanning, Ph.D. Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: http://www.dfanning.com/ Phone: 970-221-0438, IDL Book Orders: 1-888-461-0155