
Subject: Re: Structure in argument #2 -> With IDL ActiveX control
Posted by [davidf](#) on Sat, 28 Nov 1998 08:00:00 GMT
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Matthew J. Sheats (sheats@lanl.gov) writes:

> Definately seems to be a round about way of doing things. Funny thing
> is, I've seen similar behavior in places in IDL (not involving
> ActiveX). Like.. (and maybe this is just me being a moron), I can't do
> this:
>
> READU, Lun, Struct.X
>
> It doesn't seem to assign anything to Struct.X. What I always end up
> doing is something like this:
>
> READU, Lun, X
> Struct.X = X
>
> Pretty annoying. It's one of those things I never thought about
> reporting because I assumed it was a "feature" of some sort. One I
> could do without. Oh and ya, the structure and X and everything is
> defined prior to the READU.

This is because structure de-references are passed into procedures and functions (such as READU) by **value** and not by **reference**. The **ONLY** thing passed into IDL by reference are variables (whole variables, not parts of variables).

Here is an article on my web page with more detailed information:

http://www.dfanning.com/tips/read_subscripted_array.html

Cheers,

David

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[Note: This follow-up was e-mailed to the cited author.]
