
Subject: Re: How to get numbers into passed structure elements
(pass-by-value/reference problem).

Posted by [David Fanning](#) on Wed, 27 Feb 2008 15:25:42 GMT

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Paul van Delst writes:

- > So, I realise this is one of those pass-by-reference or pass-by-value things, but how does
- > one get around it? Do I:
- > a) make the Type component of the Cloud structure a pointer? (Yuk!)
- > b) change the way I pass the Cloud structure into the CRTM_Read_Cloud_Record() fn?
- > i.e. not reference the cloud structure array via the index [n].
- >
- > I would much prefer (b), but will that entail copying entire structures? The number of
- > "Clouds" associated with any particular "Atm[m]" profile is variable.

Too much misdirection for me to follow this early in the morning,
but if you pass a structure array in by reference, what are you
copying? I think you are only "copying" if you pass something in
by value. I would go with (b).

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
