

Re: how to add pointer to struct as a parameter in the automation VC

Source: http://www.tech-archive.net/Archive/VC/microsoft.public.vc.ide_general/2004-03/0029.html

From: David (*not_at_here.com*)

Date: 03/05/04

Date: Fri, 5 Mar 2004 11:06:44 +0000 (UTC)

As far as your question regarding making the vvariables global, no you shouldn't need to (well, depending on how you implement the interface :)). I'll try to get time to post a sample today or at the weekend.

David

Grace" <anonymous@discussions.microsoft.com> wrote in message news:5430EFC6-1534-4173-B81B-FB0537BC33E2@microsoft.com...

> *Thanks David,*

>

> *I'm a new user of VC and not quite familiar with the odl. I add typedef struct as follow:*

>

> *[uuid(891E5A48-D21F-48AB-8721-0821677ADB7B), version(1.0),*

> *helpfile("ABC.hlp"),*

> *helpstring("ABC ActiveX Control module"),*

> *control]*

> *library ABCLib*

> *{*

> *importlib(STDOLE_TLB);*

> *importlib(STDTYPE_TLB);*

>

> *file://added these 2 structures*

> *typedef struct ABC_SENDDATA_T {*

> *FILETIME ft;*

> *WORD wType;*

> *DWORD dwTransaction_id;*

> *int iAmount;*

> *} ABC_SENDDATA, *LPABC_SENDDATA;*

>

> *typedef struct ABC_RECEIVE_T {*

> *WORD wReturnType;*

> *char cVersion[10];*

> *WORD wType;*

> *char cCardName[20];*

> *int dBalPrepaid;*

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> *int* dAmount;
> *DWORD* dwTransaction_id;
> } ABC_RECEIVE, *LPABC_RECEIVE;
>
> // Primary dispatch interface for CIBonusCtrl
>
> *But it didn't compile and ask for id, however, how could I use the above structure as the parameter of a method of automation?*
> *Actually, I want to create a method in ocx, like Method(ABC_SENDDATA *p, ABC_RECEIVE *r)*
> *If as you said, create an interface to put the variables of the struct as the properties, say, dllexport a number of function and these functions are only store the values of the variables, Do I need to set the variables as Global so that it's value won't loss after the client call to set the value?*
> *like ABC->ft = Now ; ABC->wType = 1; ABC->dwTransaction_id = 1; ABC->iAmount = 1; file://ABC is a ocx component.*
> *Where ft, wType, dwTransaction_id and iAmount are all global variables in the dll.*
> *But I think once the client call, ABC->ft = Now, the dll is quit and finished, so the "Now" wouldn't be stored in the "ft" variables after this call.*
>
> *Sorry, I know the above is a bit messy but I'm quite confused about the using of pointer to structure in the automation. It'll be great to see any sample coding or reference.*
>
> *Best regards,*
> *Grace*