
Subject: Re: Data passing & CALL_EXT
Posted by [davidf](#) on Fri, 21 Feb 1997 08:00:00 GMT
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Bob Mallozzi writes:

> Is it possible to pass the following data structures from C code back
> to IDL via CALL_EXTERNAL:
>
> 1. An array of strings?

Yes. As byte arrays, usually.

> 2. A C structure, containing int, float, char

No. At least not officially. Check with Mark Rivers if you want the unofficial story.

> 3. A C union

Probably, as a byte array.

> I got my C code to pass back a single string, but could not do an
> array of strings. Really I would like to pass a structure back to
> IDL. Does anyone have any examples of this? The IDL examples treat
> only the simplest cases.

I'd ask Mark Rivers if he would help you if you bought him dinner the next time you saw him.

> PS I am using OpenVMS :-(

Oh, well then ... prayer?

Cheers!

David

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