

Re: Problem closing app with big UDT

Source:

<http://www.tech-archive.net/Archive/VB/microsoft.public.vb.general.discussion/2006-11/msg01838.html>

- *From:* Bob O`Bob <filterbob@xxxxxxxxxxxxxxxx>
 - *Date:* Wed, 22 Nov 2006 11:35:09 -0800
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David Kerber wrote:

In article <45640ea6.174195498@xxxxxxxxxxxxxxxx>, erewhon@xxxxxxxx says...

On Tue, 21 Nov 2006 19:23:56 -0500, David Kerber
<ns_dkerber@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

In article
<u5YSTFcDHHA.3604@xxxxxxxxxxxxxxxxxxxxxxxx>,
Dan@xxxxxxxx says...

This same structure works
with no trouble in
Delphi.

Are you trying to pass the UDT between VB
and Delphi, or do you just mean that the
Delphi equivalent works fine?

Passing it back and forth between a Delphi .dll to a VB
application. Yes, we are aware of the alignment issue, and
have designed with that in mind. ALL the data is of one of 3
types: Long, Double, or Byte array. All the array sizes are
multiples of 4, so the 4-byte alignment should be maintained
throughout unless we screwed up somewhere. We didn't
think of passing the whole thing as a byte array, and it's too
late to go back and rework it now.

It would take about 1 hour max to re-work it

In any one app, maybe, but this dll is in production use in several different apps, in 3 different
languages.

The re-work time is the re-work time is the re-work time.
If it's one dll.

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Testing is of course another matter.

You wouldn't be here if you hadn't already recognized the need.
Adding more band-aids would most likely only make the inevitable worse
when you're finally forced to really fix it.

I'd like to call attention to your own words:

"unless we screwed up somewhere"

I don't actually see how that's in question, since /someone/ posted
already that it doesn't seem to be closing correctly.

I do have one truly *horrible* idea for you though.

It's nothing but a further cover-up.

Be aware that it doesn't fix anything, though it might *hide* it.

And at the very real potential cost of causing /other/ crashes later.

We've already told you how you can probably cure the problem.

But if all you want now is a band-aid to cover it up, then
you might as well try the mother-of-all-VB-band-aids:

<<http://obob.com/cis58/evilend.html>>

Bob

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