
Subject: Re: Q: Array of Structures

Posted by [davidf](#) on Fri, 12 Jun 1998 07:00:00 GMT

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Saeid.Zoonematkermani@sunysb.edu writes:

```
> Thanks for the response. I think there is more to this problem than is
> apparent at first. I believe that my structures are created identically.
> It is the output of a complicated procedure. The structure is defined
> inside the procedure and they should be the same each time. And just to
> check this, I ran your example from above and here is the result:
>
> IDL> a = { data:FltArr(10), name:'First Structure' }
> IDL> b = { data:FltArr(10), name:'Second Structure' }
> IDL> c = [a, b]
> % Conflicting data structures: B,concatenation.
> % Execution halted at: $MAIN$
>
> Rather curious. I wonder if this is a MacOS version problem!
```

Oh, oh. Another one of those days. I *tested* this. I have the file to prove it! But you are right, I can't reproduce it. :-)

I guess string lengths in structures have to be exactly the same, too. Which surprises me and goes contrary to what happens, for example, when you replicate named structures with the REPLICATE command.

But, look. I just tried this:

```
a = { data:FltArr(10), name:" }
b = { data:FltArr(10), name:" }
c = [a, b]
% Conflicting data structures: B,concatenation.
% Execution halted at: $MAIN$
```

But now, I try this:

```
a = { data:FltArr(10), name:" }
b = a
c = [a, b]
```

No problem!

Very, very weird. I'll see if RSI can explain this. :-)

Cheers,

David
